INFORMATION

DEMOREST CAMPUS ................................................................. 706-778-3000
Admissions .................................................................................. 706-776-0103
1-800-277-7020
Automatic switchboard ................................................................. 706-778-8500
Admissions Fax ........................................................................... 706-776-6635
Financial Aid ................................................................................ 706-776-0114
Security/After hours, emergencies ............................................... 706-776-0105
School of Arts and Sciences ...................................................... 706-776-0113
School of Education .................................................................. 706-776-0117
School of Business Administration ........................................... 706-776-0115
School of Nursing ........................................................................ 706-776-0116
Graduate Studies/Off-Campus Programs .................................... 706-776-0118
Alumni Affairs ............................................................................ 706-776-0104
1-800-868-1641
Business Office ........................................................................... 706-776-0101
College Bookstore ....................................................................... 706-776-0013
Library .......................................................................................... 706-776-0111
Human Resources ......................................................................... 706-776-0108
Institutional Advancement .......................................................... 706-776-0104
1-800-868-1641
Registrar ..................................................................................... 706-776-0112
Special Events ............................................................................ 706-776-0106
Student Affairs ........................................................................... 706-776-0119
President ...................................................................................... 706-776-0100
Provost and Vice President, Academic Affairs ............................ 706-778-0110
Vice President, Administration and Finance .............................. 706-776-0102

ATHENS CAMPUS ........................................................................ 706-548-8505
1-800-331-2021
Admissions ................................................................................ 706-548-8102
Bookstore .................................................................................... 706-433-1753
Financial Aid .............................................................................. 706-776-0114
Graduate Admissions ................................................................. 706-776-0109
Library .......................................................................................... 706-433-0728
Registrar ..................................................................................... 706-776-0112
Vice President Athens Campus .................................................. 706-548-8806

MAILING ADDRESS:

Demorest Campus
Piedmont College • P.O. Box 10 • 165 Central Avenue • Demorest GA 30535

Athens Campus
Piedmont College Athens Center • 595 Prince Ave. • Athens GA 30601
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PIEDMONT CAMPUS MAP: DEMOREST
SEE LEGEND ON FOLLOWING PAGES
1 Daniel Hall—The main administrative building houses the offices of the president, academic dean, financial aid, registrar, business, and advancement. There are also classrooms and faculty offices. The R.H. Daniel School of Nursing is on the fourth floor.

2 Stewart Hall—Opened in 2000, this state-of-the-art facility houses the mathematics, science and technology departments.

3 Getman-Babcock Residence Hall—Women’s residence hall.

4 Hobbs Alumni House—Office of Institutional Advancement

5 Lane Student Center/Gymnatorium—Student recreation area and offices for the Dean of Students and student organizations.

6 Arrendale Library—The Arrendale Library contains more than 100,000 volumes and 400 periodicals. The facility also has an automated catalog, electronic indexes, and computer rooms. It houses the College’s archives collection, and the School of Education is located on the first floor.

7 Nielsen Dining Hall and Conference Center—Houses the College cafeteria on the upper level and a dining and conference center on the lower level.

8 President’s Home

9 Camp Hall—Houses the Walker School of Business and classrooms.

10 Center for Worship and Music—Includes the Chapel, which seats more than 600 people for religious services, music performances and other events. In the undercroft are offices, classrooms, practice rooms and studios for the music department, as well as Brooks Hall, which is used for recitals and rehearsal.

11 Alumni Park—The main quadrangle of the campus includes Congregational Circle, which was dedicated in 1997. The area is used for outdoor events and concerts.

12 Admissions Office—Houses offices for undergraduate and graduate admissions. Tours of the campus are available. Call the office at (706) 776-0103 or 1-800-277-7020 to schedule a tour or to talk with a recruiter about the College.

13 Art Annex—Houses classrooms, offices and studios for the art department.

14 Art Department and Gallery—This turn-of-the-century building houses classrooms and studios for the fine arts.

15 College Bookstore—Operated by Barnes and Noble, the Bookstore includes textbooks, best-sellers, supplies and gift items.
16 Wetlands Park

17 Martens Botanical Center—Includes classrooms and labs for botany and earth sciences. It also includes a research greenhouse.

18 Student Grill on Georgia Street—A public coffee house and sandwich bar.

19 Wallace Hall—Residence hall for women.

20 Swanson Hall—Apartment-style residence hall for upperclass women.

21 Johnson Hall—Apartment-style residence hall for upperclass men.

22 Mayflower Hall—Residence Hall for seniors and juniors.

23 Purcell Hall—Residence hall for men.

24 Johnny Mize Athletic Center and Museum—Opened in 2000, this facility includes the Coach O’Neal Cave Basketball Arena, a fitness center, locker rooms, classrooms and offices. The Johnny Mize Baseball Museum is located in the lobby.

25 Walker Athletic Fields—Includes fields for soccer, baseball, and softball, tennis courts and a sand volleyball court.

26 Loudermilk Baseball Stadium—Completed in 2005, the field includes covered stadium seating. An indoor field house/training facility which includes locker rooms and indoor batting cages is adjacent to the field.

27 Center for Religious Life—Guest house for College visitors.

28 Retreat—Guest house for College visitors.

29 Maintenance Building

30 Swanson Center for Performing Arts and Mass Communications—The newest building at the Demorest campus houses a 360-seat theater, classrooms, and television and radio studios.

31 Pedestrian Overpass

32 Arrendale Amphitheater—A 500-seat outdoor performance theater.
PIEDMONT CAMPUS MAP:
ATHENS
Mission
Piedmont College educates students to become successful and responsible citizens through rigorous academic instruction in the liberal arts and professional disciplines. Learning opportunities are provided through undergraduate and graduate programs offered at various locations. The institution emphasizes high ethical standards and respect for diversity.

Accreditation
Piedmont College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Piedmont College.

All teacher education programs offered by Piedmont College, as they appear in its published catalog, have the approval of the Professional Standards Commission of the State of Georgia. Authority to recommend for certification rests with the Dean of the School of Education.

The baccalaureate degree program in nursing is approved by the Georgia Board of Nursing and accredited by the National League for Nursing Accrediting Commission, Inc., 3343 Peachtree Road NE, Suite 500, Atlanta GA 30326, 1-800-669-1656.

The Walker School of Business received national accreditation in November 2007 from the Association of Collegiate Business Schools and Programs (ACBSP) for undergraduate and graduate business programs.

Student Responsibility
It is the responsibility of students to be informed about regulations and procedures as stated in this catalog. While advisors, faculty members, and academic deans are available to assist students in meeting degree requirements, students have the primary responsibility of being familiar with and completing their chosen course of study.

An Equal Opportunity Institution
Piedmont College is an equal opportunity College open to any qualified individual without regard to race, religion, sex, age, color, national or ethnic origin, or disability. Pursuant to all applicable federal anti-discrimination laws and regulations, Piedmont College does not discriminate against any of the protected categories of individuals in the administration of its policies, programs, or activities. This non-discriminatory policy includes admission policies, scholarship and loan programs, employment practices, and athletic and other school-administered programs.

IMPORTANT NOTE: This catalog describes an academic calendar for Piedmont College that consists of two 16-week semesters. The requirements in this catalog apply to students entering Piedmont in the 2009-2010 academic year. Information in this catalog is accurate as of the date of publication. Piedmont College reserves the right to make changes in policies, regulations, and charges giving due notice in accordance with sound academic and fiscal practice.

Academic Calendar
An official copy of the academic calendar can be found on the Piedmont College website at www.piedmont.edu/reg
ADMISSION TO PIEDMONT

Traditional Freshmen
A traditional student is defined as a student who has been out of high school for less than five years and has not taken any college courses with the exception of joint enrollment courses. Traditional freshmen should submit the following items in order to be considered for admissions:

1. An application for admission with the required essay;

2. An official transcript of all high school diploma course work or an official home-school transcript. Applicants should have completed at least 21 high school units. Suggested units include four English units, two algebra units, one plane geometry unit, two units of the same foreign language, two history units, three science units, and one social studies unit;

3. An official score report of the results of the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Test (ACT) of the American College Testing Programs; and

4. An official transcript of all joint enrollment credits from each college or university attended, if applicable.

Non-Traditional Freshmen
A non-traditional student is defined as an individual who graduated from high school or would have graduated from high school at least five years before the requested application term. Applicants must have graduated from high school or satisfied requirements for the General Equivalence Diploma (GED). Non-traditional students are exempt from College Preparatory Curriculum (CPC) requirements and submission of official SAT or ACT scores.

Non-traditional freshmen should submit the following items in order to be considered for admission:

1. An application for admission with the required essay; and

2. An official transcript of all high school diploma course work or a General Equivalence Diploma (GED).

Transfer Students
A transfer student is defined as a person who, having attended another institution of higher learning, is applying for admission to Piedmont.

Transfer students should submit the following items in order to be considered for admission:

1. An application for admission with the required essay;

2. Official transcripts from each college, university, or technical school attended. Transfer applicants must present a satisfactory academic record (normally at least a 2.0 on a 4.0 scale with all grades being considered) from each institution attended. Under special circumstances, such as a returning veteran, mature student, or on clear evidence of sincere desire to obtain an education, the requirement for a satisfactory academic record may be waived;
3. If the transfer student has fewer than 24 semester credit hours from previously attended institutions, an official final high school transcript is required. An SAT and/or ACT may be used to help determine admissions;

4. Students entering Piedmont College’s Degree Completion Program may elect to follow the general education requirements specified under “Degree Requirements.” To do so, students must present a minimum of 60 semester hours of regionally accredited undergraduate college course work or nationally recognized examination credit (CLEP or similar). Students having completed a minimum of 45 semester credit hours as specified in the requirements may apply for conditional admission. Transfer students who have completed fewer than 45 semester credit hours must complete the regular general education requirements.

Other policies applicable to transfer students include the following:

- Only courses from regionally accredited institutions and foreign institutions approved for semester abroad will be accepted for credit.

- Courses from regionally accredited Technical Colleges in the State of Georgia may be accepted pursuant to Articulation Agreements between Piedmont College and the specific Technical College.

- Only grades of “C” or higher are transferred in all courses.

- Transfer credits in the major and minor fields may be accepted provided that the courses to be transferred are at the same level (lower or upper division level, as appropriate) as the corresponding courses at Piedmont College. Please consult the Registrar for more specific information.

- Half of the required courses in the major and minor fields of concentration must be taken at Piedmont College. Appeals may be considered by the Academic Vice President.

- Developmental, orientation, student-assembly, and cultural-events credits are non-transferable.

**Joint Enrollment**

A joint enrollment student is a high school student who is allowed to register for college courses while attending high school or home school. Joint Enrollment students may take a maximum of two courses per semester. Any additional courses must be approved by the Vice President for Academic Affairs. If permission is granted to take additional classes beyond the two-course limit, a per-semester-hour tuition charge will be assessed to the student. Joint Enrollment students are not eligible to take evening courses.

To be eligible for the Joint Enrollment Program at Piedmont College the student must:

- Be classified as a high school junior or senior by the student’s high school or home school program

- Be at least 16 years of age by the beginning of the semester of enrollment

- Be a U.S. Citizen or a Permanent Resident Alien who meets the definition of an eligible non-citizen
• Show evidence of SAT scores which must be 500 or higher in Math and 500 or higher in critical reading (ACT must be 21 or higher composite score); and a 3.0 or higher high school grade point average.

Students wishing to participate in the joint enrollment program must submit the following to the Office of Admissions:

• An application for admission
• High School or Home School Transcripts
• A copy of the SAT or ACT score report (if not on transcripts)
• An ACCEL program application (if applicant attends a public or private high school that is eligible for the ACCEL program) is to be completed online at www.gacollege411.org
• Recommendations from at least two high school teachers as well as the principal

**Home-Schooled Students**

At Piedmont, we encourage academically talented students from home schools to join our learning community. Admission requirements for home-educated students are as follows:

1. An application for admission with the required essay;
2. Official SAT or ACT scores (alternative institutional testing can be arranged.)
3. Transcript or portfolio detailing all high school course work completed.
4. Two letters of recommendation from sources outside the home who have knowledge of the student’s academic or extracurricular achievements. An interview with the student and family may be required.

**International Students**

An international student is defined as a student who is a non-U.S. citizen. Piedmont College welcomes international students as active members of the College.

International students should submit the following in order to be considered for admission:

1. An application for admission with the required essay;
2. An official copy of secondary records and an official record of any college work completed;
3. An official score report of the results of the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Test (ACT) of the American College Testing Programs for students who speak English as their first language. Non-native English speakers must provide satisfactory scores on the Test of English as a Foreign Language (TOEFL). A satisfactory TOEFL score is 550 or higher and/or a score of 213 or higher on the computer-based version. A TOEFL score more than two years old will not be accepted;
4. A completed health form, along with proof of health insurance and immunizations; and
5. A financial statement showing sufficient availability of funds and the source of these funds for four years of college. Before an I-20 can be issued for an admitted international student, the student must place on account with the College an amount equal to the first year’s tuition, room and board, book charges and funds for return air fare to his/her home country.

When all of the items listed above are received, a Certificate of Eligibility for Nonimmigrant (F-1) Student Status – For Academic and Language Students can be released to the student.

**Non-Degree Status**

Non-degree (NDG) status is available for applicants who wish to take undergraduate or graduate level courses for personal or professional enrichment. No more than six semester hours may be taken as a non-degree student. Applicants who wish to enroll in more than six semester hours as a non-degree student must apply for permission from the Vice President of Academic Affairs.

The non-degree student must meet prerequisite course requirements for any course taken. Non-degree undergraduate students may be assigned an academic advisor upon request and are allowed to register for courses on a space-available basis where size limitation is a concern.

Courses taken as a non-degree student may not be applied to a degree until the applicant has completed the admissions requirements for that degree, including any required admissions test. These courses will be evaluated by the Registrar and the program director or chair. Policies regarding transfer courses will apply.

Tuition for undergraduate courses taken as a non-degree student is charged at the undergraduate tuition rate. Tuition for graduate courses taken as a non-degree student is charged at the graduate tuition rate.

**Special Status**

Special students are dealt with on a case-by-case basis depending on what the student is seeking while attending Piedmont College. For the most part, special students are students who are not candidates for degrees. Requests for such admissions should be forwarded to the Director of Undergraduate Admissions and in some cases the Director of Graduate Admissions.

Special students should submit the following in order to be considered for admission:

1. An application for admission with the required essay; and
2. Official transcripts from the college or university where the student attended or completed an undergraduate degree.

**Transient Status**

A transient student is defined as a student who is enrolled in good standing at another college or university. Students enrolled at other colleges or universities may apply for temporary admission and registration at Piedmont College as transient students. These students expect to return to the colleges or universities where they were previously enrolled and to complete degree requirements at those institutions.
In order to be considered for admission, transient students must provide the Piedmont College registrar’s office with a letter from his/her home institution granting permission to be a transient student at Piedmont. The student will be permitted to attend for the term and under the conditions specified in the letter.

**Advanced Placement and Other Non-Classroom Credit Options**

Entering students may receive Advanced Placement (AP) credit based on examination scores. For information on this and other non-classroom college credit opportunities, see **Credit by Examination or Experience** under Academic Regulations.

**Degree Completion Program**

Piedmont College offers a degree completion program for students who have accumulated at least 60 semester hours at an accredited institution of higher learning. Students with credit for at least 45 semester hours who meet specific criteria (see page 67) may be admitted to this program on a conditional basis. Official transcripts must be submitted for review by the Registrar.

**Evening Studies**

Piedmont College (Demorest and Athens) offers the following degrees in evening program format: business administration, criminal justice, education (E.C.E. and M.G. only), political science, psychology (Athens only), sociology and R.N. to B.S.N. Each degree program is offered in an accelerated, flexible format to meet the needs of working professionals. Classes generally meet for four hours once per week for eight weeks. This accelerated schedule allows students to qualify for full-time status by taking four classes in two eight-week sessions. Students who choose to attend full time are eligible for full financial aid benefits.

**Readmission (Undergraduate)**

(Note: Graduate Students see Page 244.)

Undergraduate students who are not enrolled for two consecutive semesters (excluding summer) must apply for readmission. To reapply, submit an Application for Undergraduate Readmission form to the Registrar at least three weeks prior to the beginning of the semester for which you are seeking readmission.

Those seeking readmission after an absence of eight or more years may elect to apply for readmission under the College’s **Forgiveness Policy**. Under this policy, students have the option of a “fresh start” by having all previously earned credits at Piedmont evaluated in a manner similar to that of a student transferring to the College rather than having them remain in effect as a readmitted student. The grades of courses treated on a transfer basis are not computed into a student’s cumulative or honors grade-point averages. However, the student’s previous Piedmont academic record with grades earned will remain a part of the student’s permanent record and will appear on any transcript issued by the College.

The Forgiveness Policy option may be chosen only at the time of readmission to the College. Those who choose this option should be aware that certain honor societies may require that all course grades be used in calculating a GPA for membership.

Application forms for Undergraduate Readmission are available in the Registrar’s Office or at the Piedmont College website: [www.piedmont.edu/reg](http://www.piedmont.edu/reg). Students who are readmitted may
follow the program of study outlined in the current Piedmont College catalog or that in the catalog in effect at the time they initially enrolled if no more than five years have elapsed.

**Readmission After Dismissal**

Students who have been dismissed from the college for any reason may petition for readmission after one year. A completed Application for Readmission (www.piedmont.edu/reg) and a written letter requesting readmission must be submitted to Vice President of Academic Affairs no later than 5 p.m. on the date of registration for the current semester. Requests received after the deadline will be considered for readmission for the following semester. A determination will be made to approve or deny readmission on a conditional basis and the student will be notified of the decision in writing.

**Students with Disabilities**

Special Considerations: Piedmont College makes every effort to provide reasonable and appropriate accommodations to students with disabilities. Accommodations must be coordinated through the Office of Counseling and Career Service by contacting the director at 1-800-277-7020, ext. 1259 or by e-mail at kcutrell@piedmont.edu. Students are responsible for providing accurate and current documentation of their disability and for making a written request to the Director Counseling and Career Services before receiving accommodations. Students with special needs (disabilities, problems, or any other factors that may affect their performance or that require special instructional strategies) should also make these needs known to the professor/instructor during the first class session.

**Student Complaints and Grievances**

Any student filing a complaint or grievance must first attempt to resolve it by consulting with the involved faculty or staff member. In the event no resolution is reached, the student should bring or send the complaint or grievance, in writing, to the appropriate officer of the College (the Vice President for Academic Affairs, for academic matters; the Vice President for Finance and Administration, for problems with charges, business office matters, or financial aid concerns; or the Dean of Students, for non-academic matters), or to the President of the College, who will assign the complaint or grievance to the appropriate officer. The officer will attempt to resolve the problem in a manner satisfactory to all concerned.

**Campus E-mail**

E-mail is an official communications channel of Piedmont College and is a principal medium through which it conducts its business.

All students, faculty, and staff, including adjunct faculty and part-time employees, have Piedmont College e-mail accounts, either on the Exchange system or the Lions system.

All members of the Piedmont College community are expected to monitor their Piedmont College e-mail regularly and to deal with business in a timely manner. Failures to activate and monitor one’s Piedmont College e-mail account does not exempt one from responsibility to act upon college-related matters.

All new students, faculty, and staff, including adjunct faculty and part-time staff, are expected to activate their Piedmont College e-mail accounts, if necessary, and to begin monitoring their e-mail during their first week of enrollment or employment.
EXPENSES

Piedmont’s 2009-2010 tuition, room and board charges support the College’s continued commitment to provide first-rate programs and facilities at an affordable rate.

TUITION CHARGES

The 2009-2010 tuition approved by the Piedmont College Board of Trustees is as follows.

Demorest Campus - Undergraduate Students

Fall 2009 / Spring 2010: $9,000 per semester ($18,000 per academic year) for full-time students taking 12-19 hours per semester. Students who are eligible to take more than 19 hours pay the part-time rate of $750 per additional credit hour. The tuition for part-time students taking 11 credit hours or less per semester is $750 per credit hour except in the following circumstance: if a student takes only one course per semester, the tuition rate is $500 per credit hour. Minimum enrollment of six hours is required for student loans.

Summer 2010: Summer tuition for undergraduate students is discounted regardless of the number of semester hours taken. National and international academic travel expenses vary according to location, itinerary and duration. Tuition discounts do not apply toward costs of academic travel experiences.

Athens Campus - Undergraduate Students

Piedmont College offers students a non-residential campus with selected undergraduate majors in Athens. Undergraduate tuition rates are lower and therefore replace all other institutional awards. Athens students may qualify for HOPE Scholarship, the Georgia Tuition Equalization Grant (GTEG), Pell Grant, and student and parent loans.

Fall 2009 / Spring 2010: $5,500 per semester ($11,000 per academic year) for full-time students taking 12-17 hours per semester. Students who are eligible to take more than 17 hours pay the part-time rate of $458 per additional credit hour. The tuition for part-time students taking 11 credit hours or less per semester is $458 per credit hour. Minimum enrollment of six hours is required for student loans.

Summer 2010: Summer tuition rate for undergraduate students will be posted by spring semester 2010. National and international academic travel expenses vary according to location, itinerary and duration.

Campus Cross-Over - Undergraduate Students

Piedmont College permits undergraduate students who enroll primarily on one campus to take courses on its other campus.

Students who apply for admission to Piedmont College in Demorest will pay full tuition rate and, with advisor approval, may enroll in six semester hours at Piedmont College in Athens at no additional charge as long as total course load is under 19 credit hours.

Students who apply for admission to Piedmont College in Athens will pay the lower tuition rate and, with advisor approval, may pay an additional $1,000 per course to enroll in classes at Piedmont College in Demorest.
Graduate Students
Graduate tuition is $407 per credit hour. Full-time graduate students typically carry a nine-hour course load per semester. Minimum enrollment of six hours is required for student loans.

Non-Degree Students
Non-Degree students are charged undergraduate rates for undergraduate level courses and graduate rates for graduate level courses based on campus of enrollment.

ROOM AND BOARD CHARGES
$3,000 per semester / $6,000 per academic year for all students residing on campus. This includes room expense and access to the cafeteria seven (7) days per week during normal operating hours. All resident students are required to have a board plan. Freshmen and sophomores share a room with another student. Juniors and Seniors typically have a private room. Students will be required to empty and vacate resident halls between semesters.

ADDITIONAL CHARGES
Applied music - private lessons ...........................................................$100 per credit hour
Late registration ...............................................................................................................$50
Returned check (first occurrence) ................................................................. $25
Returned check (second occurrence) .............................................................. $50
(no future checks accepted)
Experiential credit (per credit hour) See Page 48 for more information .............$50
Graduate School application .............................................................................$30
(After the published application deadline, the charge will be $100)
Registration / Matriculation deposit (new students) ....................................... $100
Transcript .................................................................................................................. $5 each
Housing deposit ....................................................................................................... $250
Application for Graduation/Undergraduates ................................................ $50.00*
Application for Graduation/Graduates ...............................................................$75.00*
Replacement diploma .............................................................................................$100

*Applications for Graduation must be submitted by the posted deadlines (see Academic Calendars on Registrar’s page at www.piedmont.edu/reg). Applications for Graduation for Summer graduation must be submitted by April 1; those received after the posted deadline will not be processed until the Fall semester. A $100 late charge will be assessed on applications received in the Registrar’s Office after the posted due date for each term.

ACCOUNT BALANCE
Students must pay in full or make payment arrangements with the Business Office before they can complete registration and officially enroll in classes. Students with account balances more than 30 days in arrears cannot attend class or live in residence halls. Outstanding account balances will also prohibit future course registrations and transcript receipts. Students whose accounts remain unpaid will be responsible to pay collection costs, legal fees, and any other charge incurred to close accounts.

Credit Balance
If at any time a credit balance is established on a student’s account, the balance will be disbursed to the student within 14 days from the date of the credit balance.
Account Status
Students are responsible for checking their account status with the Business Office at the beginning and end of each term to make sure all financial arrangements are current.

Terms of Payment
Tuition, room, board and other charges must be paid by published deadlines. Payment installment arrangements may be made using the Piedmont College Payment Plan (PPP). The charge for using PPP is $40 per semester. No interest charges will be incurred with the PPP.

Advance Deposits
New Students: To confirm intent to register and ensure a request to process financial aid, new students must deposit $100 on account. This non-refundable matriculation deposit will be applied to the following semester’s tuition.

New students submitting an application for campus housing are required to submit an additional $250 non-refundable housing deposit. This deposit will be applied to the following semester’s housing charges.

Returning Students: Current students wishing to reserve a room for upcoming fall semester may do so during the reservation period each spring semester. A $250 non-refundable deposit will be required. This deposit will be applied to the following semester’s housing charges.

All deposits are non-refundable and will be forfeited if the student does not enroll.

Refunds
Withdrawal From Class

During the drop/add period each semester, students receive a full refund of tuition paid for individual classes dropped. There is no refund for individual classes dropped after the drop/add period. Undergraduate students enrolled full-time pay the same rate for 12-19 hours (12-17 hours at the Athens Campus). Therefore, in some cases, refunds are not applicable.

Withdrawal From College
Tuition Refunds:

Once the College Registrar and Bursar receive written notification from the student regarding withdrawal from all classes, the College will refund tuition based on the following schedule:

Fall and spring semester:

Day studies
80% refund during first week
60% refund during second week
40% refund during third week
20% refund during fourth week
No refund after four weeks

Evening studies
80% refund during first week
50% refund during second week
No refund after two weeks
Summer semester:
80% refund during first week
50% refund during second week
No refund after two weeks

Room and Board Refunds:
There are no refunds for residence hall charges for students withdrawing during a semester. Meal plan charges will be pro-rated based on the date on the withdrawal form. There are no refunds for tuition or residence hall charges for dismissed students.

Title IV Federal Aid Policy
(Refunds to Federal Government)
Federal financial aid funds are awarded with the expectation that students will complete the entire period of enrollment. Students “earn” a percentage of the funds with each day of class attendance. When a student who has received federal financial aid funds (Title IV Funds) leaves school before the end of the semester or period of enrollment, federal law may require Piedmont College to return funds. Piedmont College is required to calculate the percentage and amount of “unearned” financial aid funds that must be returned to the federal government. Once a student has completed more than 60 percent of the enrollment period, a student is considered to have earned all funding awarded. This calculation may require the student to repay funds that have already been disbursed. Students are encouraged to meet with their financial aid advisor prior to making the decision to withdraw from school.

See the Bursar for further information.
FINANCIAL AID

The Piedmont College financial aid office will assist students and parents who seek financial resources for attendance at this institution. It is the policy of the College to meet 100 percent of demonstrated, unmet financial need through grants, loans, work and/or scholarship programs, for those students who apply for aid by May 1 for the following fall semester. For students enrolling spring or summer semesters, please inquire at the financial aid office for application deadlines. Students receiving financial aid must maintain satisfactory academic progress in order to continue to receive financial assistance. The Vice President for Academic Affairs supervises and approves the awarding of all institutional aid.

APPLICATION PROCEDURES

There are four primary sources of student financial assistance: federal, state, institutional and third-party sources. Each requires a different application procedure. The Financial Aid Application procedures for undergraduate and graduate students are available on the Financial Aid website at www.piedmont.edu.

Federal Assistance

The federal student assistance programs are perhaps the most widely known of all student aid sources. In order to receive federal student aid, a student’s financial need must be established by filing the Free Application for Federal Student Aid (FAFSA). This form may be obtained on-line at www.fafsa.ed.gov. Contact the Piedmont College financial aid office at (706) 776-0114 with questions. For technical help applying online, call the Federal Aid Help Line at 1-800-4-Fed-Aid. Students must request a copy of the report be sent to Piedmont College. The Piedmont College federal aid school code is 001588.

The federal processor responds to the FAFSA with a Student Aid Report (SAR). This document contains a Need Analysis Form, from which need-based aid is calculated. Need-based aid includes the Federal Pell grant, Federal Academic Competitiveness Grant, the Federal Supplemental Educational Opportunity Grant, the Federal Subsidized Stafford Loan, the Federal Work Study Program, and several institutional programs.

The SAR has assigned to it an Expected Family Contribution (EFC) number which reports the amount the federal government expects the family to be able to contribute toward the student’s cost of education. Educational costs include tuition, room, board and other charges, books, transportation, and personal expenses. The SAR also indicates whether a student is eligible for the Federal Pell grant and other need-based aid.

After the EFC is established on the FAFSA, eligibility for the various student loan programs offered by the federal government can be determined. Piedmont College participates in the Federal Direct Student Loan Program. These loans may be either subsidized or unsubsidized, based upon financial need and dependency status. Amounts vary based upon academic grade level. Loan funds are borrowed directly from the U.S. Department of Education, and funds are credited to the student’s account at Piedmont. Repayment begins after the student is enrolled less than half time or graduates. Visit www.dl.ed.gov for more information. Parents can also apply for a loan to assist with educational expenses for a dependent child. This is a non-need based program, therefore, all parents can apply. Normal credit standards are used to determine whether a parent is approved for the loan. Loan amounts cannot exceed the cost of attendance less any financial aid received. Visit www.dl.ed.gov for additional parent loan information.
Federal TEACH Grants
Piedmont College participates in the Federal TEACH Grant Program for undergraduate and graduate students. Interested students are encouraged to research the program and submit an application to the Piedmont College Financial Aid Office. For graduate study, the Federal TEACH Program is available to first post-baccalaureate degree students only. At Piedmont College, students enrolled in the Education Specialist or Doctorate Program are ineligible for this program.

- The TEACH Grant Program was created by Congress in the College Cost Reduction and Access Act that provides $2,000 per semester, with a maximum of $16,000 for undergraduates and $8,000 for graduate students. For more information call the Federal Information Student Center: 1-800-4-FEDAID or view the website www.federalstudentaid.ed.gov.

- In exchange for receiving the TEACH Grant, students must be a highly-qualified, full-time teacher in a high-need subject area for at least four years at a school serving low-income students.


www.ed.gov/policy/elsec/leg/esea02/pg107.html

If you have any question regarding financial aid please contact the Office of Financial Aid at 706-776-0114 or send an e-mail to finaid@piedmont.edu.

State Assistance
The State of Georgia has several aid programs available to students who meet eligibility requirements. Several of the state aid programs are as follows:

- Georgia Tuition Equalization Grant
- Georgia HOPE Scholarship
- Service Cancelable Stafford Loans
- HOPE Teacher Scholarship Program for Graduate Students
- HOPE Promise Teacher Scholarship Program

To apply for any type of state assistance, students must complete the appropriate application on-line at www.gacollege411.org. Requirements for the graduate HOPE Teacher Programs change periodically and can be reviewed at www.gacollege411.org.

HOPE for Students Attending Private Colleges
A student wishing to receive the HOPE Scholarship while at Piedmont must meet the qualifications listed on the Georgia Student Finance Commission website at www.gacollege411.org.

Scholastic Achievement Awards
(For Demorest Undergraduate Students Only)
Russell C. Archer Memorial Award
This award was established by Russell C. Archer in memory of Dr. James E. Walter. It is given at graduation to a limited number of men and women who have been selected as showing the most improvement in academic, social, and leadership areas during their undergraduate careers. The recipients are identified at the end of their freshman year and must complete all required course work at Piedmont College.
Institutional Scholarship Programs
(For Demorest Undergraduate Students Only)
The scholarship and grant program at Piedmont College is designed to assist a wide range of students from various backgrounds. Funds are awarded annually to students who exhibit exceptional academic and leadership skills, as well as to those who are in need of financial support and have demonstrated an enthusiasm for learning.

Academic Scholarships
These scholarships are awarded to first-time freshmen based on a combination of high school grade point average, standardized test scores, academic curriculum in high school, rank in class, and extracurricular activities. The amount and number of awards vary from year to year. For more information, contact the Admissions Office.

Academic Major Scholarships
The schools of the College offer scholarships based on academic performance and dedication to the field of study. All Demorest undergraduate students can apply for these scholarships after they have declared a major. Full-time enrollment is required. A scholarship committee within each school will determine recipients upon the approval of the Vice President for Academic Affairs. Applications can be obtained from each school. The selection process is usually complete by early January for the upcoming fall and spring semesters. Academic Major Scholarships can be renewed if the student maintains eligibility set by the respective schools.

Accel Program
The Accel Program is funded by the Georgia Lottery for Education and administered by the Georgia Student Finance Commission. It is designed to provide participating high school students with financial assistance toward the cost of postsecondary course work. In order to be eligible for Accel funds, a student must be enrolled in college degree-level courses.

The purpose of the Accel Program is to provide Georgia high school students with an opportunity to earn college degree-level credit hours, as they simultaneously meet their high school graduation requirements. The program regulations for the Accel Program are provided at www.gacollege411.org.

Alpha Chi Scholarship
This scholarship is awarded to one graduating high school senior from each of the following Georgia counties: Habersham, Banks, Hall, White, Stephens, Rabun and Towns. Recipients are selected based on a combination of GPA, SAT, and the quality and nature of high school activities.

Camp-Younts Scholarship
This scholarship was established by Dr. Harry W. Walker II and the Camp-Younts Foundation. Recipients are chosen from first-time freshmen applicants with an average score of 1180 or higher on the SAT math and verbal section or a 26 or higher on the ACT composite score. Recipients must maintain a minimum cumulative GPA of 3.5 or higher at the end of each semester to remain eligible for renewal. The recipients are required to live in campus housing and be actively involved on campus. The application for this scholarship may be obtained from the admissions office. Camp-Younts Scholarship amounts vary.
Dean’s Scholarship
This scholarship was established by the Board of Trustees of Piedmont College. The number of recipients varies on a yearly basis. Typical recipients score 1000 or higher on the SAT math and verbal and/or 21 on the ACT composite score. Recipients are required to live in campus housing and be actively involved on campus. To be eligible for renewal, students are required to maintain a minimum 2.5 cumulative GPA at the end of each semester. For more information, contact the Admissions Office.

Fine Arts Scholarship
These scholarships are awarded for students in art, music or theatre. Applicants must demonstrate talent in one of these areas by either auditioning or by providing a portfolio. Annual awards may be renewable if approved. All inquiries should be directed to the individual departments.

Century Scholarship
In recognition of Piedmont College’s 112-year history, this award recognizes first-time and returning undergraduate students who reside on campus for their outstanding academic and extra-curricular accomplishments. Annually renewable, the scholarship rewards students who actively participate in classroom, campus, and community activities that demonstrate good citizenship and character development during their high school or college careers. Specific award amounts and number of recipients may vary depending on available institutional resources and individual qualifications. To continue receiving this award, students must maintain a minimum 2.5 cumulative GPA each semester, reside on campus, and continue active involvement in campus and community activities throughout their undergraduate years at Piedmont College. First-time students may obtain information about this scholarship from the Admissions Office. Returning students may apply for the scholarship via letter of interest to the Scholarship Committee with delivery to the Financial Aid Office no later than February 1 for the upcoming academic year.

Lion Grant
Students who enroll at Piedmont College during high school as a joint enrolled student have a distinct advantage to receive additional scholarships if they enroll as full time freshman. The Piedmont College Lion Grant Program offers up to $5,000 per year to students. This Lion Grant can be in addition to other academic and need-based grants, loans and scholarships offered by Piedmont. The scholarship is only available fall and spring semesters. This grant requires acceptance to Piedmont, first-time boarding freshman status and involvement in at least one club or activity on campus. This grant is renewable as long as the student maintains a cumulative 3.0 GPA while at Piedmont and resides on campus. Students must have completed at least one term at Piedmont while still in high school, and earned a minimum 3.0 college grade point average or better. Any scholarships above the cost of room, board and tuition will be returned to the scholarship fund. Annual awards are based on the availability of funds.

Neighborhood Grant Program
To qualify for the Neighborhood Grant Program, a student must show permanent residence in one of the following counties: Habersham, Banks, Franklin, Hall, Jackson, Rabun, Stephens, Towns or White. Prospective students must be at least 25 years of age and pursue a first bachelor’s degree through either day or evening classes at the Demorest Campus. A student must enroll in six or more hours per semester to qualify. Applicants may be eligible for additional state and federal financial aid, but are ineligible for institutional scholarships.
and grants. Students receiving benefits under the Post-9/11 and/or Yellow Ribbon Veterans Administration programs are not eligible for the Neighborhood Grant Program.

**Presidential Scholarship**
This scholarship was established by the Board of Trustees of Piedmont College. The number of recipients varies from year to year. Typically, the successful candidate will have scored 1100 or higher on the SAT math and verbal section or a 24 or higher on the ACT composite score. Recipients are required to live in College housing and be actively involved on campus. To be eligible for renewal, students are required to maintain a 3.0 cumulative GPA at the end of each semester. For more information, contact the Admissions Office.

**Transfer Grant**
Transfer students who meet the following criteria may qualify for this grant: full-time enrollment, transfer with at least a 2.5 cumulative grade-point average from the previous college(s); and apply for admission and financial aid prior to June 1 for the upcoming year. Transfer Grants are renewable if the student maintains a 2.5 grade point average at the end of each semester.

**Trustee Scholarship**
This scholarship was established by the Board of Trustees of Piedmont College to reward top academic applicants. The number of recipients and the amount of the award vary from year to year. The successful candidates will be first-time freshmen and typically will have scored 1100 or higher on the SAT math or verbal score or a 24 or higher on the ACT composite score. Recipients must maintain a cumulative GPA of 3.0 or higher at the end of each semester to remain eligible for renewal. The recipients are required to live in College housing and be actively involved on campus. A separate application is required and may be obtained from the admissions office. For more information, contact the Admissions Office.

**Lettie Pate Whitehead Scholarships**
The Lettie Pate Whitehead Foundation is dedicated to the support of needy women in nine southeastern states. The grants program of the Foundation is limited to scholarship awards to schools and colleges for deserving female students. Influenced by the generous example of his parents, Conkey Pate Whitehead provided in his will for the creation of the Lettie Pate Whitehead Foundation as a memorial to his mother. The Foundation was chartered in 1946 to help deserving women. For more information visit www.lpwhitehead.org.

**Named and Alumni Scholarship Program**
Piedmont College and its students are fortunate to have alumni and friends of the College who contribute to various scholarship funds that are awarded annually. The following is the present list of scholarships with a brief description and any requirements stipulated. The value of the awards varies. Unless otherwise noted, these scholarships are awarded for one year and may be renewable for no more than six (6) additional semesters. They are awarded to both new and returning students as selected by the scholarship committee.

**Alumni Memorial Scholarship**
Established as a general fund for donations in honor of alumni. The number of awards and amount of this scholarship vary from year to year.

**Thomas A. (Gus) Arrendale, III Scholarship**
Established by friends to honor the leadership and dedication of Gus Arrendale to Piedmont College, Habersham County, and future leaders of the state, as exemplified by his participa-
tion on, and leadership of the Board of Trustees of the college. This scholarship is designed to assist young people in their desire to attain a college degree. The successful candidate will have a 3.0 GPA or the equivalent high school average, financial need, and outstanding personal character.

**Seaborn Ashley and Dana Smith Ashley Scholarship**
Established with a gift from Caroline Ashley in loving memory of her parents. The recipient will be chosen with consideration first to students who are pursuing a career in primary or elementary education and who are from either Greene or Oconee counties in the State of Georgia. Awards will be made on the basis of merit as defined by having an SAT score of 1100 or above, a 3.0 college GPA, outstanding personal character, leadership qualities, and demonstrated financial need.

**Evelyn R. and Robert E. Bowman Jr. Scholarship**
Established by Evelyn R. and Robert E. Bowman to help students pursuing a degree in chemistry who demonstrate both financial need and the ability to complete the degree requirements.

**E.L. and Mildred Brooking Memorial Scholarship**
Established by Dr. Emerson Brooking and Mrs. Virginia Brooking to honor his parents. The recipient is chosen by the Admissions and Scholarships Committee and the psychology department liaison. The recipient should be a top psychology major with consideration for need.

**Grace McGahee and Earl Clement Brown Endowed Scholarship**
Established by Dr. Barbara Brown Taylor in honor of her parents. Recipients of this scholarship will major in psychology, nursing, or philosophy/religion, have outstanding character, an above average GPA or equivalent high school average, and demonstrate financial need.

**Thomas Winford Carlan Scholarship**
Established by the estate of Celeste Carlan Farmer, Class of 1968, in memory of her father. Awards will be made to students with a minimum 3.0 GPA, outstanding character, and at least one parent employed in law enforcement.

**Coach O’Neal Cave Scholarship**
Established in honor of Coach O’Neal Cave, former Piedmont athletic director and coach of baseball, basketball, and golf, to help defray expenses for students who demonstrate leadership and financial need.

**Mildred Cain Chambers Scholarship**
Established in 1993 in memory of Mildred Cain Chambers to assist deserving students.

**T. Hoyt and Lucile Addison Chambers Scholarship**
Established to honor T. Hoyt and Lucile Addison Chambers by their children. The recipient will be chosen with consideration first to students who are residents of Banks or Franklin counties, have a college GPA of 3.0 or higher or the equivalent high school average of “B,” and have demonstrated financial need.

**George Elton and Helen Cowen Clark Scholarship**
Established by George Elton and Helen Cowen Clark, both Piedmont graduates, to help students who demonstrate financial need.
Jack H. Clarke Scholarship
Established by Jack H. Clarke, a trustee of the College.

Clarence A. and Lilian W. Coddington Scholarship
Established by the estate of Clarence and Lilian Coddington of Winter Park, Fla.

Pemberton Cooley Scholarship
Established by H.A. Stephens Jr. in memory of Pemberton Cooley, his mentor and a trustee of the College.

James Charles Cooper Scholarship
Established by his family to honor his life as head coach of women’s basketball at Piedmont college from 1997 through 2005 and to carry on his work of aiding and assisting young women in their desire to attend college.

Dana-Carter Scholarship
Established by Mrs. Ruby Lott Lockerman to honor Malcolm Boyd Dana and Earl Kendall Carter. This is awarded each year to a female student who demonstrates both need and the ability to complete the degree requirements. The student must demonstrate outstanding personal character and have a college GPA of at least 3.0.

Louise Kidder Davis Endowed Grant
Established by John V. Davis upon his retirement from Piedmont in honor of his mother, Louise Kidder Davis. Awards will be made to a full-time student on the basis of academic merit as defined by having a 3.0 GPA, ability as demonstrated in English classes, interpersonal skills, and outstanding personal character. Preference goes to a student who is pursuing a major in English. The grantee will tutor students one-on-one or in groups under the supervision of English faculty members.

Glenn W. and Edna R. Ellard Scholarship
Established to honor Glenn A. (Jack) Ellard for his service as Clerk of the Georgia House of Representatives for 33 years by his many friends and colleagues, and later greatly enhanced by his wife, Edna R. Ellard. Mr. Ellard was a Piedmont alumnus. Awards will be made on the basis of academic merit as defined by having a minimum 3.0 GPA, outstanding personal character, and demonstrated financial need.

Henry M. Enterline Scholarship
Established by the estate of Henry Enterline, a resident of Florida and a Congregationalist. The successful candidate will be a junior or senior and have a minimum GPA of 3.5 or higher. The recipient is required to live in College housing.

Flint Scholarships
Established by Dr. Sam Hall Flint, a trustee of the College, and Dr. Mary Jane Appleby Flint, both Piedmont alumni. A successful candidate will be female and have a minimum SAT score of 1,180 and be a U.S citizen. The scholarship amount and the number of awards vary from year to year.

H.B. Forester Scholarship
Established to honor Harry Bible Forester, a professor of biology and a coach of baseball, basketball and football, by the H.B. Forester Metro Atlanta Alumni Club. The scholarship is given to a deserving student who exhibits leadership.
Mary L. Griggs Mathematics Scholarship
Established to honor a former Piedmont College math professor by family members and colleagues. The recipient should be a math major with demonstrated financial need.

Harold S. Hannum Scholarship
Established in memory of Harold Hannum by his wife Anna Hannum to assist students studying for careers either in music or nursing. Recipients must have a 3.0 GPA, outstanding character and demonstrated financial need.

The Harold and Anna Hannum Scholarship
Established in memory of two longtime friends of the college and Congregationalists by their estate. Successful candidates will be pursuing a career in education or the ministry, have a college 3.0 GPA, be of outstanding character, and have demonstrated financial need.

J. Edward Harp Memorial Scholarship
Established in his honor by friends and family in 1986. Mr. Harp was a trustee of the College and an active Congregationalist.

Heaton-McBrayer Scholarship
Established to honor two graduates of Piedmont College, Patricia McBrayer Heaton and Flay Heaton, also a trustee of the College for many years. The recipient should be from Stephens, Habersham, Franklin or Rabun counties and pursue a degree in education or business.

C.W. and Flora B. Henderson Scholarship
Established to honor Dr. Charles W. Henderson, a Georgia Baptist pastor and school administrator, and his wife, Flora Elsworth Bowden Henderson, a musician and co-worker with him in Christian service.

Lee Heuson Scholarship
Established by Dr. William G. Heuson in honor of his son, Lee Heuson.

Earl D. and Nelle Hood Higdon Scholarship
Established by Earl and Nelle Higdon, who were business leaders in Hendersonville, N.C., and both graduates of Piedmont.

Frank and Mary Holcomb Scholarship
Established in their honor by their daughter, L. Gladys Holcomb, a Piedmont graduate.

L. Gladys Holcomb Scholarship
Established in 1992 by Gladys Holcomb to assist students at Piedmont College. Recipients must be Georgia residents with demonstrated financial need.

Imogene T. Johnson Graduate Education Scholarship
Established by Imogene T. Johnson to place emphasis on excellence in graduate education through the encouragement of study and research of reading or the pursuit of national board certification within the School of Education. Recipients must have a 3.0 undergraduate GPA and at least a 3.5 graduate GPA, be willing to carry out reading research using the National Reading Panel recommendations or be pursuing national board certification.

Marvin L. and Mildred L. Johnson Scholarship
Established in 1986 by Marvin L. and Mildred L. Johnson to assist deserving students.
Weldon and Betty Keckley Mathematics Scholarship
Established by Weldon and Betty Keckley in memory of Arthur Carl Keckley, his father, and Carl Pierpont Keckley, his brother, who were both mathematics teachers. Recipients of this scholarship will either major or minor in mathematics, have a 3.0 GPA and have demonstrated financial need.

King Scholarship
Established to assist deserving students who show the ability to complete the degree requirements.

Knight Scholarship
Established to assist deserving students who show the ability to complete the degree requirements.

Mary C. Lane Scholarship
Established in honor of Dr. Mary C. Lane, former professor of education and Dean Emerita of the College, and her mother, Mary Cole Lane. The scholarship will be awarded to a top student in education.

Mary C. Lane Scholarship for Graduate Teacher Education
Established in honor of Dean Emerita Dr. Mary C. Lane and her mother. The award will be made to a student who is studying education on a graduate level.

Atos D. “Joe” Lattanzi Scholarship
Established to honor the life of Atos D. Lattanzi, a 1951 graduate, and to carry on his work of aiding and assisting young people in their desire to attend college. Recipients of this scholarship will have a 3.0 GPA or equivalent high school average, outstanding personal character, and demonstrated financial need.

The Reverend Dr. and Mrs. W.R. Lesser Scholarship
Established in honor of Mrs. Lesser, an honorary graduate, and Dr. Lesser, a Congregational minister.

Theodore Leverett Scholarship
Established by James C. Brooks, a 1938 graduate, in memory of Mr. Leverett, pastor of the Congregational church in Jefferson, Ga.

Vera S. Lindgren Scholarship
Established to honor Vera Lindgren, this scholarship is given to students who demonstrate both financial need and the ability to complete the degree requirements.

James Lord Jr. and Ruby K. Lord Scholarship
Established by the estate of Ruby K. Lord, a friend of the College. Successful candidates will be students either on the undergraduate or graduate level who are defined as non-traditional, having worked full time for a substantial period, and who will continue to work throughout their academic career.

Carroll Love Scholarship
Established by Carroll Love, a 1936 graduate. It is awarded to students who plan a career in public education.
Lowe-Black Scholarship
Established by Louise Aiken Lowe to honor her husband, Arthur D. Lowe, and to recognize the extreme generosity and compassion shown by Mr. Ray H. Black, treasurer at the time the donor attended Piedmont. The successful candidate will have a 3.0 GPA or the equivalent high school average, and financial need.

Corian Stambaugh Lundquist Book Scholarship
Established by her nephew, James L. Lundquist, in her memory, this scholarship is awarded to students with demonstrated financial need and the ability to complete the degree requirements.

Archibald and Helen McPheeters Scholarship
Established by the estates of Archibald and Helen McPheeters, who received honorary degrees in 1990.

Dr. Maud E. McPherson Scholarship
Established in memory of Dr. McPherson, who was a beloved educator in the Washington, D.C., area and an active Congregationalist. The recipient will be a student majoring in English.

J. Louis and Helen J. Martens Scholarship
Established by the estates of J. Louis Martens, a former coach and faculty member of the College, and Helen J. Martens, a graduate. This scholarship will be awarded to a student who has demonstrated financial need and is making satisfactory progress toward graduation.

Dr. Bill H. Mason Scholarship
Established by Dr. Mason, a 1957 graduate, in memory of fellow classmates T. Alan Wansley and J. David Lecroy, and in honor of Nancy L. Singer, a long time-employee of the college. Successful candidates will have a 3.0 GPA, be of outstanding character, and have demonstrated financial need.

James F. Mellichamp Music Scholarship
Established by friends to honor the dedication and accomplishments of Dr. James F. Mellichamp as chair of the Music Department at Piedmont College. Recipients of the scholarship must have an above-average college GPA, demonstrated financial need and outstanding personal character.

Dr. Thomas B. Musser and Dorothy B. Musser Scholarship
Established by the estate of Dr. Thomas B. Musser of Mifflinburg, Pennsylvania, who was a longtime friend of the college. Awards will be made with first preference to students from Pennsylvania who have demonstrated financial need.

Nickerson Congregational Heritage Scholarship
Established in 1994, the Nickerson Congregational Heritage Scholarship Fund was created by a gift from the estate of Lucille Nickerson. In 2000, the scholarship received additional funding from the estate of William Nickerson.

Congregational Heritage Scholars may be awarded financial assistance in an amount up to one-third the cost of tuition. This scholarship may be applied to tuition, room or board. Recipients must be 25 years of age or less, have a minimum high school GPA of 3.0 or an SAT of 1100, and be an active member of a congregation of the National Association of
Congregational Christian Churches or the United Church of Christ. A letter signed by the minister and an officer of his or her local church stating that he or she is a member in good standing must be submitted to the Director of Church Relations.

Congregational Heritage Scholarships are available for eight (8) semesters. Recipients are required to maintain a minimum 3.00 GPA at Piedmont, and live in campus housing. They may apply for additional need and merit-based financial aid.

**Dr. Pearl Nix Scholarship**
Established in honor of Dr. Nix, a graduate of Piedmont and retired professor of library science at North Georgia College. Recipients must be pursuing a career in education, have at least a 3.0 GPA, and be either a junior or senior.

**Charles C. and Lilian A. Parkhurst Scholarship**
Established by Charles and Lillian Parkhurst for the benefit of those undergraduates who would derive the greatest benefit from a college education.

**Walter G. and Jerush Montez Paskowsky Scholarship**
Established to honor Walter G. Paskowsky and his wife, Jerush Montez Paskowsky, a Piedmont graduate.

**C. Lisle and Mabel S. Percy Scholarship**
Established in memory of C. Lisle Percy, who taught sociology, religion and history, and his wife, Mabel Percy, who taught foreign languages.

**Phillip J. Prescott Scholarship**
Established by Phillip J. Prescott of San Jose, Calif., an engineer, Congregationalist, and friend of the College.

**Dr. Claude and Mrs. Merle Purcell Scholarship**
Established to honor Dr. Purcell, a graduate and trustee of the College, and his wife Merle. The Purcells were educators in Georgia for their entire careers. Dr. Purcell served as State Superintendent of Schools in Georgia.

**Thurmon Wiley Purcell Scholarship**
Established to honor Mr. Purcell, a lifetime educator, by his wife, Clementine L. Purcell. The award will be made with first preference to students of good character who are pursuing a career in education either on the undergraduate or graduate level.

**Jesse W. and Minnie S. Randall Scholarship**
Established by the estate of Jesse and Minnie Randall. The successful applicant must be a first-time freshman with demonstrated financial need and typically will have an SAT score of at least 1,180. The amount of the award and number of recipients vary from year to year.

**Dr. W. Silas Roberts Scholarship**
Established in honor of Dr. Roberts, a 1908 graduate and professor of chemistry at Piedmont for 36 years.

**Jonathan C. Rogers Scholarship**
Established in honor of Dr. Rogers, a 1906 graduate, professor of math, former dean of Piedmont College, and former president of North Georgia College and State University.
Mary Barrett Roper Scholarship
Established by the Mary Barrett Roper Trust, this scholarship will be awarded to students who are deemed worthy.

Alice J. Russell Scholarship
Established by the estate of Alice J. Russell, a friend of the College, to assist deserving students who show the ability to complete the degree requirements.

Elizabeth Sawyer Scholarship
Established by Dr. Billy Mason, a graduate of Piedmont, in honor of Dr. Sawyer, a professor of biology in the 1950s. It is awarded to a top biology student.

W. Ben and Nelle F. Singleton Scholarship
Established by Ben, who served as a trustee, and Nelle, who is a 1929 graduate.

Dr. W. Baxter and Fannie H. Smith Scholarship
Established in memory of Dr. Baxter and Fannie H. Smith. He taught math and physics and served as registrar, dean and trustee. She taught in the departments of chemistry and business.

William Henkel Smith Scholarship
Established by Virginia Smith Williams, a graduate of Piedmont, in memory of her brother, Henkel Smith, who was also a graduate, member of the faculty, and trustee.

W. O. Spaeth Science Scholarship
Established by Susan Spaeth Kyle, a 1995 graduate, to honor the life and work of W. O. Spaeth. This scholarship will be awarded to a student majoring in one of the sciences, having a 3.0 GPA or equivalent high school average, and demonstrated financial need.

Homer W. Stevens Scholarship
Established to honor Dr. Stevens, a beloved teacher and friend, who served as head of the social science department for 21 years and as dean of the College in 1952.

Ralph L. and Helen Schuenemann Strucher Scholarship
Established to honor Mr. Strucher, former trustee, and his wife Helen.

Horace W. Sturgis Scholarship
Established in honor of Dr. Sturgis, an alumnus of Piedmont College and noted educator who was the founding president of Kennesaw State University.

Eva Tuttle Scholarship
Established by the estate of Eva Tuttle to help students who demonstrate both need and ability to complete their degree in speech or theatre arts. The award is granted on the basis of academic merit to include outstanding personal character and a college GPA of at least 3.0.

Dr. James E. and Elizabeth Perry Walter Scholarship for International Students
This scholarship was established with a lead gift from Dr. Charles Cho, a Piedmont College graduate and trustee, in honor of the late Dr. James E. Walter and his wife, Elizabeth. The purpose of this scholarship is to assist in diversifying the cultural make-up of the student body by offsetting some of the expenses incurred by international students. The scholarship amount and the number of awards available vary from year to year. The successful candidate...
will have an overall 3.0 GPA or its equivalent from a high school or institution of higher education and a cumulative 3.0 GPA must be maintained.

**T. Alan Wansley Scholarship**
Established by his family and the Samuel F. and Emma J. Bagwell Memorial Fund this scholarship will be given with first consideration to residents of Franklin County with a 3.0 GPA and demonstrated financial need.

**Lettie Pate Whitehead Scholarships**
Funded by the Lettie Pate Whitehead Foundation, these scholarships are awarded to Southern women with high financial needs. The amount of the award and number may vary from year to year.

**Wallace Roy Wood Scholarship**
Established by the estate of Wallace Roy Wood, Class of 1951 and long-time supporter of Piedmont College. Recipients of this scholarship will major in art or music, have a minimum 3.0 GPA, be of outstanding personal character, and demonstrate financial need.

**C. Paul Worley Sr. Scholarship**
Established to honor C. Paul Worley Sr., a dedicated alumnus who served many years as a trustee. The award is made annually to a sophomore or junior with a high grade-point average who demonstrates leadership.

**Ernest D. Wright Scholarship**
Established in 1984 in honor of Ernest D. Wright, who served as a trustee. He was a business, civic, and church leader in Toccoa, Ga.

**Emergency Student Loans**
In certain instances, emergency student loans may be obtained to assist with unexpected expenses incurred by students. Typically, the maximum amount available at any given time to individual students is $250 and must be repaid within 90 days. Interest is charged at 8 percent, accruing from the time the funds are disbursed to the student until such time as the loan is repaid in full.

Students may apply for this loan by contacting the financial aid office. A final decision will be made by the business office. Typically, students must be current on all college charges and in good standing academically prior to a loan’s being approved.
CAMPUS LIFE

ACTIVITIES
Campus life programs offer numerous opportunities for resident and commuter students to participate in a wide variety of activities that are both planned and spontaneous.

Campus Activity Board
The Campus Activity Board (CAB) schedules a variety of entertainers, lip sync, talent show competitions, and other ventures such as movie nights, shopping trips, roller skating, tubing, and various Atlanta-based sporting and theatrical events.

Athletics
Piedmont College’s program of intercollegiate and intramural athletics is designed to promote student interest in athletics, to foster sound physical development, and to teach good sportsmanship.

Intercollegiate sports include men’s and women’s teams in basketball, cross country, golf, soccer and tennis; women’s fast-pitch softball and volleyball; and men’s baseball. The College also sponsors cheerleading at the club level.

Athletic facilities include a gymnasium, tennis courts, softball, baseball, and soccer fields, and beach volleyball courts. Physical education classes and athletic teams have priority in the usage of these facilities. Piedmont College’s Johnny Mize Athletic Center includes a multi-use basketball arena named in honor of Coach O’Neal Cave capable of seating 1,200 spectators. In addition, the athletic center houses a fitness center, an elevated running track, locker rooms, offices, a training and therapy area, and classrooms.

The Loudermilk Baseball Complex includes covered bleachers and indoor training facilities.

Piedmont is a member of NCAA (National Collegiate Athletic Association) Division III, with teams competing in the Great South Athletic Conference. Piedmont is also a member of the National Christian College Athletic Association, Division I.

Career Services
Career services provides a comprehensive program for career development. An assessment module provides students with information about personal strengths, preferences for dealing with the world, and interest patterns involving both career expectations and leisure activities. This service gives insight into long-range career decisions, as well as assisting in the more immediate decisions about choosing courses and selecting a major.

A career library provides access to the latest occupationally oriented information in various media formats, as well as a collection of current graduate school catalogs and informational files on potential employers, internships, co-op programs, overseas opportunities, and other relevant materials.

Also maintained are several database programs with information about specific occupations, programs of study at various educational levels in specific careers; and possible grants, awards and scholarships. Students can create a personal base of information to be used in future job searches.
Services also include information concerning resume preparation, job search techniques and job interviewing. Personal career guidance is provided throughout the career planning process, if requested.

**Clubs**

The College encourages students to develop clubs around common interests. The Student Leadership Council maintains a current listing of all groups and their purposes.

- Anthropology Club
- Art Club
- Campus Activity Board (CAB)
- Cheerleading
- Collegiate Music Educators National Conference (CMENC)
- Fellowship of Christian Athletes
- Film Club
- Georgia Association of Nursing Students
- Green Giants
- Hispanic Club
- History Society
- International Club
- Literary Society
- Outdoor Club
- Patriots of Piedmont
- Piedmont Letter Club
- Pirates of Lake Demorest
- Psychology Club
- Radio Club
- Residence Life Council
- Rotoract
- Sociology Club
- Student and Athletic Advisory Committee (SAAC)
- Students in Free Enterprise (SIFE)
- Swim Club
- Team Piedmont
- TV Piedmont

*Information on forming clubs may be found in the online Student Handbook.*

**Counseling**

Counseling services are available to all students through the office of the Director of Counseling and Career Services. If necessary, referrals can be made for students requiring services beyond those which the College provides.

**Fitness Center**

The College has a partnership with Habersham County Medical Center to operate a fitness center on campus that offers state-of-the-art facilities and exercise equipment for use by students, faculty, staff, and the community.
Health Services
The College has an agreement with Habersham County Medical Center and a local physician to provide for a portion of the initial cost incurred by residential students. All students living in campus housing are required to have medical insurance.

Information may be obtained on a commercial student health insurance program through the business office.

Honor Societies
Alpha Chi is a national academic honor society. Membership in the College’s Epsilon Chapter, which was established in 1975, is open by invitation only to qualified members of the junior and senior classes who meet the specific demanding qualification criteria established by the national office. Among the standards for invitation is the student's standing within the uppermost 10 percent of either the junior or senior class.

Alpha Kappa Delta, founded in 1921, is an international sociology honor society dedicated to stimulating scholarship and promoting the scientific study of society. The Georgia Omicron chapter of Piedmont College was established in 2007 to honor outstanding third-year and fourth-year students (juniors and seniors) who are officially declared sociology majors or minors, who have completed at least four regular courses in sociology prior to initiation (exclusive of extension or courses graded pass/fail), who have an overall GPA of 3.0 and rank in the top 35 percent of their class in general scholarship, and who have maintained a minimum 3.0 GPA in sociology courses taken at Piedmont.

Alpha Lambda Delta is the national honor society for freshmen. It is open to full-time students who have earned at least a 3.5 GPA during their first semester or first year at Piedmont.

Alpha Psi Omega is a national honorary theatre society for colleges and universities. The organization honors those who have contributed to the Piedmont College theatre program. Leadership opportunities are provided for students interested in theatre and in promoting the theatre program.

Alpha Sigma Lambda is a national honor society founded in 1945-46 to recognize adult students in continuing higher education who achieve academic excellence while managing responsibilities to family, work, and the community. Pi Rho, a chapter of this honor society, was established on Piedmont’s campus in the fall of 2000. Membership is by invitation to those who are at least 23 years of age, have completed 24 credit hours at Piedmont College, have a GPA of at least 3.2, and rank in the top 10 percent of their school.

Chi Alpha Sigma is a non-profit organization established to recognize college student athletes who earn a varsity letter in at least one sport while maintaining a 3.4 or higher cumulative GPA throughout their junior and senior years.

Delta Mu Delta is the international honor society for schools accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Founded in 1913, the society is open to membership to junior and senior business majors who achieve minimum GPA of 3.25, rank in the top 20 percent of their class, and have completed the last 24 credit hours enrolled at Piedmont College.
Kappa Mu Epsilon, established in 1931, is an honor society dedicated to the promotion of professionalism among the nation’s mathematics students. A chapter of this society was established on Piedmont’s campus in the spring of 1999. It is open to individuals meeting the following criteria: minimum sophomore standing; top 35 percent of their class; and completed at least three mathematics courses (including calculus) with a “B” or better average.

Kappa Pi is a national honorary art society. The Piedmont chapter was organized in 2005 to promote greater interest in the knowledge and appreciation of art. Membership is based on artistic and academic excellence.

Psi Chi is the national honor society in psychology. To be a member, a student must have completed at least 45 semester hours, have a declared major or minor in psychology, have completed at least nine semester hours in psychology, have both an overall GPA and psychology GPA of 3.5 or higher, and have high standards of personal behavior.

R. H. Daniel School of Nursing Honor Society recognizes nursing students for their academic excellence, leadership, and creativity within the nursing profession. To be eligible for membership, the nursing student must be full-time, have completed at least 22 credit hours in the nursing major, have a CGPA of at least 3.0, demonstrate leadership qualities and critical thinking skills, exhibit positive interpersonal relationships, and be nominated by the nursing faculty and clinical instructors. Membership is limited to no more than one third of each class.

Sigma Alpha Pi, the National Society of Leadership and Success, is dedicated to creating long-term positive change in students’ lives. In addition to having the opportunity to hear some of the nation’s leading presenters, authors, and success coaches, students who become members of the Society become a part of a community of like-minded, goal-oriented individuals. Members also avail themselves to scholarship opportunities and national awards once they become a member. There is a one time membership charge and, once inducted, members are able to network with other members all across the USA and other countries. Sigma Alpha Pi membership is open to incoming freshmen with a 3.5 high school GPA and to current Piedmont College students who are maintaining a 3.0 GPA.

Sigma Tau Delta is the international English honor society. Requirements for membership are a minimum of two college courses in English language or literature beyond English 101 and 102, at least a “B” average in all English classes, placement in the top 35 percent of the class, and completion of at least three semesters of college course work.

Society for Collegiate Journalists is the oldest national honorary collegiate journalism organization. A chapter of this society was established on Piedmont’s campus in the spring of 2003. To be considered for membership a student must have completed at least 60 semester hours, be a mass communications major or minor, completed at least 9 semester hours in mass communications, have an overall GPA of at least 3.3, demonstrate significant contribution to the department, and demonstrate professional behavior.

The Torch of Piedmont is an honor society for women students at Piedmont College. Requirements for membership are completion of two years of work at Piedmont, a GPA of 3.9 or higher, and high moral character.
**Music Ensembles**

The **Chamber Singers** is an auditioned vocal chamber ensemble of mixed voices that presents special programs during the academic year and serves as the College’s touring choir.

The **Opera Workshop** gives singers experience in performing excerpts from some of the world’s great operas.

**Piedmont Cantabile** is an elite group of mixed voices chosen from the very best vocalists from the Chamber Singers. This auditioned group performs jazz, pop arrangements, and avant garde compositions in concerts on campus for special events and on tour across the state and the nation.

The **Piedmont Chorale** is a non-auditioned choir composed of students, faculty, staff and members of the community. It presents two concerts per year as part of the College’s Lyceum series.

The **Wind Ensemble** is an ensemble of woodwind, brass, and percussion players. Student musicians with various majors perform for home basketball games as well as regular concerts on campus. Private instrumental instruction is strongly suggested while a member of the Concert Band. Auditions are required.

**Publications**

The **Navigator** is the College newspaper. The **Yonahian** is the College yearbook, named for Mount Yonah, a prominent Blue Ridge peak in north Georgia. A student editor works with a faculty advisor and other students to publish these publications.

**Radio Stations**

WRFP is the student-operated campus radio station. WRFP’s streaming audio can be heard worldwide at [www.wrfp.freeservers.com](http://www.wrfp.freeservers.com) or at [www.piedmont.edu/wrfp](http://www.piedmont.edu/wrfp). All majors are encouraged to become a part of the WRFP staff. The college also serves as the local public access point for WPPR, 88.3 FM, the Georgia Public Radio outlet licensed to serve northeast Georgia.

**Religious Life**

**Affiliation**

Piedmont College has been affiliated with Congregational churches since 1901, and is now affiliated with both the National Association of Congregational Christian Churches and the United Church of Christ.

**Chaplain**

A resource for the entire College community regarding matters of faith, the College Chaplain provides oversight for religious activities and organizations and is available for counseling for all students. In keeping with the Congregational heritage and church affiliations of the College, the chaplain respects that persons from all faith traditions act according to conscience.

**Student Leadership Council**

This council has general responsibility for all student organizations and student-sponsored campus activities. In addition, it addresses student concerns and promotes student initiatives with the administration.
Conduct
Piedmont College expects its students to conduct themselves in accordance with the code of behavior outlined in the online Student Handbook (www.piedmont.edu/student_life).

Residence Life
Piedmont currently maintains six residence halls: Getman-Babcock, Johnson, Mayflower, Purcell, Swanson, and Wallace. Because of high demand for residence hall space, the College is unable to provide housing for married students or students over age 24.

All Piedmont College students must live in the residence halls with exception of the following:

- married students;
- divorced or widowed students;
- students living at the primary residence of their parents or legal guardians in Habersham, Banks, Hall, Rabun, Stephens, Towns and White counties; and
- students who are 21 years of age or older on the first day of registration for the fall term; and
- students attending the Piedmont Athens Campus.

Any change in on-campus living arrangement status must be approved in advance by the Dean of Student Affairs. Students living on campus may not move off campus during the regular academic year, except in cases where there is a change in marital status. Other exceptions may be allowed in unusual circumstances with the prior approval of the Dean of Student Affairs.

All students participating in intercollegiate athletics at Piedmont College are required to live on campus.

Alumni Relations
The office of institutional advancement acts as liaison between the College and its alumni. The Piedmont College Alumni Association is open to any person who matriculated and left in good standing. There are no membership fees. The association is led by six officers who are elected annually by the membership at large and by 20 directors elected for three-year terms by the membership at large. The officers and directors make up the Board of Officers and Director that governs policies, finances and activities of the association.

The Piedmont College Letter Club, also known as the “P” Club, is the organization that acts as the college booster club and as the organization that administers the Piedmont College Athletic Hall of Fame. The club functions under the auspices of the Piedmont College Alumni Association and is open to any former Piedmont College athlete or friends of Piedmont athletics. Membership dues are $25 per year. Funds raised by the club support the annual athletic banquets, the Hall of Fame and other projects approved by the leadership.
ACADEMIC PROGRAM

MATRICULATION
Matriculation at Piedmont College establishes a covenant between the student and the College. Through its faculty and administration, the College agrees to do its best to assist the student’s intellectual and personal development. The student agrees to study and work conscientiously, as well as to abide by the College’s rules and regulations.

QUALITY ENHANCEMENT PLAN:
CULTIVATING CURIOUS MINDS
To support its mission, Piedmont College endeavors to educate its faculty, staff, and students to promote a college-wide culture of critical thinking. The College sponsors seminars, discussions, community forums, and contests to engage the campus community in critical thinking. Piedmont College defines critical thinking as the ability to analyze and evaluate information, to synthesize information into coherent forms, and to apply and extend knowledge.

ACADEMIC YEAR
The regular academic year is divided into fall and spring semesters, each approximately 16 weeks in length. The College offers both day and evening classes, with limited weekend offerings. During the fall and spring semesters, evening and weekend classes are offered in two eight-week sessions each semester in Athens and Demorest. A schedule of classes is also available for those wishing to attend college during the summer. Students may be admitted at the beginning of any semester. However, for the best orientation to college life and to take advantage of the planned sequence of courses, fall admission is recommended.

ASSESSMENT
To ensure the realization of its mission, Piedmont College is involved in continuous assessment to measure, and to improve where needed, the quality of the learning experience. Since learning is not limited to classroom experiences, neither is assessment. Assessment is systematically administered throughout the College.

Assessment includes evaluation of departmental programs, evaluation of the general education requirements and evaluation of the overall College environment.

Academic departments design and implement their own assessment procedures to evaluate the quality of their programs.

In addition, student and alumni surveys and other assessment techniques are regularly conducted in order to ascertain the overall quality of the educational experience at Piedmont.

SERVICES
Academic Advisement
The College is committed to the developmental model of academic advising. As such, advising is viewed as a partnership of shared responsibility between the student and advisor, with the advising process as an extra-classroom, teaching-learning experience that emphasizes the importance of personal and social factors that contribute to the quality of the student’s academic experience and the achievement of life goals.
Upon entering the college, a student is assigned either a freshman advisor or a major advisor, depending on class standing and declaration of a major. The advisor works with the student not only in the choice of courses and academic matters in general, but also to ensure a rich and rewarding educational experience that will lead to the fullest realization of a student’s potential as an individual.

**Arrendale Library**

The Arrendale Library is housed in a modern facility that includes a collection of more than 100,000 volumes, a computer lab, study rooms and carrels, conference facilities, and the College archives. The Mayflower, the library’s electronic catalog, is a state-of-the-art, web-accessible library system. The library provides access to multiple electronic databases; participates in GALILEO, a statewide electronic research resource; and also provides access to its collections and services via its web page (www.library.piedmont.edu). The Athens Campus Resource Center provides references resources, reserve services, access to electronic resources, and a specialized circulating collection.

The purposes of the Arrendale Library are to:

- Provide the facilities, tools and resources necessary to support the work of the faculty, staff and students in fulfilling the educational mission of the College;
- Provide access to the world of resources both inside and outside of the bounds of the library that will support the College’s academic programs of study;
- Provide beyond the immediate needs of the academic program a selection of resources that portrays the intellectual heritage of humanity;
- Provide an environment that encourages the most effective use of the library by faculty, staff and students; and
- Stimulate and encourage students to develop scholarly research skills from which they will benefit throughout their lives.

The Library is open to all faculty, staff, students and alumni of Piedmont College.

**Foxfire-Piedmont Partnership**

In 2003, Foxfire sought a college whose School of Education had a conceptual framework and community outreach program that was clearly aligned with Foxfire’s overall mission and Core Practices. The result was a formal, contractual agreement between Foxfire and Piedmont College, which transferred the management of Foxfire’s Programs for teachers to Piedmont’s School of Education.

These programs consist of Foxfire courses for K-12 teachers and a Foxfire course for college instructors, offered at Piedmont, other institutions, and school districts.

**The Lyceum**

A series of lectures, concerts, and plays is presented to develop the student’s appreciation of literature, music and the other art forms. Programming has included performances of masterworks by Bach, Haydn, Mozart and Mendelssohn; various theater productions, and lectures by artists and writers from across the United States.
REGULATIONS

Honor Pledge
All students, by their enrollment at Piedmont College, commit to the Honor Pledge:

The Piedmont College community emphasizes high ethical standards for its members. Accordingly, I promise to refrain from acts of academic dishonesty including plagiarism and to uphold the Academic Integrity Policy in all endeavors at Piedmont College.

Academic Integrity Policy
In accordance with the mission statement at Piedmont College, it is the responsibility of each member of the Piedmont community to promote an atmosphere of academic integrity and an understanding of intellectual honesty that adheres to the highest standards of professional and personal conduct.

To protect intellectual and scholarly integrity, the college imposes strict penalties for academic dishonesty, which is defined as follows.

- Cheating — intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
- Fabrication — intentional and unauthorized invention or falsification of any information or citation in an academic exercise or altering official college records or documents.
- Facilitating academic dishonesty — intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.
- Plagiarism — intentionally or knowingly representing the words or ideas of another as one’s own in any academic exercise.

Procedure for Disposition of Violations of Academic Integrity Policy
All faculty must consistently follow the correct procedures in dealing with cases of academic integrity. Do not make individual decisions or exceptions.

1. The accuser will provide to the Vice President for Academic Affairs a signed statement fully describing the act of academic dishonesty, naming persons involved and witnesses, and listing all physical evidence. All physical evidence is to be secured, if possible, by the Vice President for Academic Affairs.

2. The Vice President for Academic Affairs will provide the accused with written notification of the accusation of academic dishonesty, the identity of the accuser, and the procedures for resolving the case.

3. The Vice President for Academic Affairs will adjudicate the case based on the evidence presented, taking into consideration any recommendations of the instructor responsible for the academic exercise in which the act of academic dishonesty is alleged to have occurred.

4. The Vice President for Academic Affairs will make the final judgment of guilt or innocence and of penalties and will provide the accused written notification of the disposition of the case.
5. A student may appeal the decision of the Vice President for Academic Affairs to the Office of the President.

A student who earns a grade of “D” or “F” as a result of a violation of the Academic Integrity Policy may repeat the course. However a “D” or “F” resulting from a violation of Academic Integrity is not eligible for the grade forgiveness as described above. All course grades would count in computing the cumulative GPA.

**Classification**

Thirty semester hours is the normal amount of academic work completed in each of the freshman, sophomore, junior and senior years. A student must have completed 30 semester hours to be classified as a sophomore, 60 to be a junior, and 90 to be a senior.

**Class Attendance Policy**

Attendance, timeliness, and participation are required and part of your grade. More than the allotted number of absences for any reason will result in failure of the course. The maximum allotted number of excused absences is as follows:

- Day classes meeting three times a week for entire semester: 6 absences
- Day classes meeting two times a week for entire semester: 4 absences
- Day or evening classes meeting one time a week for the entire semester: 3 absences
- All eight-week classes: 1 absence
- Courses operating under a different format (4 week, online, etc.) determined by the professor of the course.
- Summer session day classes meeting five times a week for four weeks: 2 absences

All absences for participation in recognized College events (e.g., athletics, drama, field trips) count toward the course absence policy. Although such absences, *by themselves*, will not cause a student to fail a course, *additional* absences will result in failure of the course, if they bring the total number of absences beyond the maximum number allowed for a course. In other words, the number of absences an instructor permits in a course *will not be in addition* to those for recognized College events.

*A request for an exception to this policy must be submitted in writing to the appropriate Dean for consideration.*

**Normal Study Load**

The normal study load is five courses or 15 semester hours per semester (fall, spring) for students attending day classes and four courses or 12 semester hours for those taking accelerated evening classes. Students taking a minimum of 12 semester hours are considered full time. Students who wish to take more than 19 semester hours must have a minimum cumulative grade-point average of 3.0 and must complete the Registration Overload Request form available from the Registrar’s Office. A student may take no more than 21 hours during any semester. Freshmen and Joint Enrollment students may not register for evening classes.

Summer classes are offered in an accelerated format. Thus the selection of courses and the total number of credit hours taken must be chosen judiciously by the student with the help of his or her advisor. As during the regular academic year, full-time status is based on 12 semester hours of course work.
Online Courses
Online courses hold no face-to-face meetings during a course term, including no face-to-face orientation meetings. An online course is managed totally with online communications, learning management systems such as WebCT, and other distance-learning tools. The course requires interactive dialogue and all assignments are submitted electronically. Course exams, or quizzes, are administered via WebCT or through an arranged proctored exam based on individual course requirements.

Hybrid Courses
A hybrid course integrates a mix of online instructional strategies and technologies with a limited number of face-to-face meetings. Online and Hybrid courses will begin and end on the same dates as traditional courses.

Any other courses meeting in a traditional face-to-face setting with a mix of online technologies, such as WebCT, would be considered a course supplemented with technology. The use of the term “supplemented” is not used as a formal term for a designated course type and will not appear in the Piedmont College Catalog or web page.

Academic Requirements for Online Courses
Students taking online classes should meet the following academic criteria:

1. Be in good academic standing prior to registering for online courses.
2. Students who fail a course need approval from their advisor or dean to re-take the course in an online format.
3. All academic requirements for traditional courses, including course prerequisites, would apply to online courses as stated in the Piedmont College Catalog.

The Online Student Tutorial for WebCT is highly recommended for students registering for their first online course. Individual schools, departments, or instructors may require completion of this Tutorial or establish it as a course assignment.

Credit by Examination or Experience
Students can establish proficiency in subject areas through several College-approved programs. Students may be awarded a maximum of 30 semester hours in any one or any combination of these sources.

Advanced Placement (AP)
Entering students who wish to receive advanced placement credit may do so by completing an advanced placement examination in high school and earning a minimum score as established by the College Board. Students should request that a copy of the score report be sent to the Registrar at Piedmont College. A list of acceptable AP courses and minimum scores can be found at www.piedmont.edu/reg.

College-Level Examination Program (CLEP)
CLEP is designed to measure knowledge acquired through non-traditional means such as the workplace, as well as through formal study. Credit is awarded for satisfactory scores earned on certain subjects and selected general examinations. A list of courses for which CLEP credit may be awarded at Piedmont College is available at the registrar’s webpage (www.piedmont.edu). For more information or to schedule a CLEP exam, send an e-mail to the test administrator at dtaylor@piedmont.edu.
Foreign Language Exemption
Students for whom English is not their first language may contact their advisor to petition the Dean of the School of Arts and Sciences for an exemption from the foreign language requirement. As part of the petition, students must demonstrate that they have met the cultural knowledge outcomes of the foreign language requirement. This exemption will allow these students to take other classes in their major or electives to meet their six-hour requirement. Rationale: Students who speak English as a second (or third) language and are taking classes in English demonstrate a mastery of reading, writing, speaking, and listening in a language other than their first language. International students living in the U.S. are immersed in a culture different from their native culture. Therefore, students have already met the linguistic proficiency and cultural knowledge outcomes of the foreign language requirement.

Students entering Piedmont College with substantial language ability and/or established placement from another institution may complete only the 102-level course to fulfill the foreign language general education requirement. Additionally, if a student’s first foreign language course is a 200-level or higher, the 101-102 requirement is considered satisfied. In this case, students are allowed to take other courses to meet their six-hour requirement.

International Baccalaureate Program (IB)
Piedmont College recognizes the quality of the International Baccalaureate Program, and credit towards the undergraduate degree will be awarded on a course-by-course basis. Course credit will be given for scores of 5, 6, or 7 on the Higher level examinations. No credit will be awarded solely for earning a Diploma, for the results of any Subsidiary-level examinations, or for scores below 5 on higher-level examinations. Students should request a copy of the official score report be sent to the Registrar at Piedmont College. IB credits do not fulfill residency requirements.

Military Credit
Veterans of the U.S. Armed Services and members of the military reserve may receive academic credit for military training based on recommendations of the American Council of Education (ACE). Contact the Registrar for additional information.

Veterans Administration Education Benefits
Piedmont College is an approved Institution of Higher Learning with the Veterans Administration with many approved programs. The college is also a participant in the Yellow Ribbon Program. Information regarding education benefits is available on the VA website at http://www.gibill.va.gov/GI_Bill_Info/benefits.htm.

Students receiving benefits under any Veterans Administration program are not eligible for Piedmont’s Neighborhood Grant Program.

Experiential Credit
Learning acquired outside of classroom participation can be a valuable contribution to a liberal arts education, and Piedmont provides an opportunity for enrolled students to receive academic credit for such learning.

The portfolio is the method used whereby students can demonstrate learning prior to and during their time at the College. Because portfolio assessment is competence based, students need to demonstrate mastery of transferable skills acquired through the professional work
experience and/or community service. An experiential credit information packet may be obtained from the Registrar’s Office. The charge for experiential credit is $50 per credit hour. For experiential credit for an education practicum, consult your advisor.

Directed Independent Study (DIS)
Directed independent study leads to the completion of a regular college course and receipt of academic credit, but the DIS is completed by the student under the direction of the course instructor independently of scheduled class hours. While Piedmont recognizes that there is, at times, legitimate need for such study, its policy is to keep this practice to a minimum; thus, the following criteria are carefully observed:

1. Directed independent study is offered only for those courses that are listed in the current Piedmont College Catalog.

2. A directed independent study course is taught only in the semester preceding graduation, entry into a professional program, or student teaching, and must be the last course needed to complete the requirements for the above. In the case of a special (non-degree) student, directed independent study is approved only for a course that will not be offered during the entire forthcoming academic year. Only one course may be taken by independent study.

3. The request for permission must be based on a schedule conflict or difficulty arising from the academic schedule and not from the student’s non-academic routine.

4. No student is permitted to undertake directed independent study until the Request for Directed Independent Study Form is approved. This form and all required documentation must be submitted to the Dean of the appropriate school before the beginning of the drop/add period of the semester in which the directed independent study is to be undertaken. Failure to obtain any one of the required signatures or to provide any of the documentation listed on the checklist on the back of the form will result in automatic rejection of the request.

5. After approval by the Dean of the appropriate school, all materials will be forwarded to the Vice President for Academic Affairs for final approval. A letter approving or denying the DIS will be mailed to the student, advisor, Dean, and Registrar. If approved, the student will be registered for the DIS by the Registrar’s office.

6. To receive academic credit, the student must meet all the requirements of the course as it is regularly taught.

7. Upon completion of the directed independent study, a portfolio containing the syllabus, all written assignments and evaluations is kept on file in the registrar’s office.

8. No directed independent studies are conducted in the period between academic semesters.

9. A grade of ‘I’ (Incomplete) is not given except for medical reasons.

The Request for Directed Independent Study Form is available in the registrar’s office.
Undergraduates Taking Graduate Classes

Students who have achieved senior standing at Piedmont College, i.e., who have completed a minimum of 90 semester hours, with a cumulative academic grade point average of 3.0 or better (or permission of dean), may register for graduate courses during the final two semesters of undergraduate work under the following conditions:

1. No more than a total of nine semester hours may be taken for graduate credit, and not more than six semester hours of graduate courses may be taken in a given semester.

2. Students registering for one or more graduate courses must obtain permission in advance from the course instructor, the academic advisor, and the academic dean of the school in which the course is taken.

3. Graduate courses available to undergraduate student are limited to those courses scheduled for the Demorest and Athens campuses.

4. Permission to take graduate courses is contingent upon the availability of classroom space and does not in any way imply admission to a graduate program at Piedmont College.

5. Graduate courses used to meet a requirement in an undergraduate program may not be used to fulfill required hours in a graduate program or vice versa.

Please note that students may count these hours either toward their undergraduate degree requirements or toward a graduate degree, if accepted into the graduate program at Piedmont.

Taking graduate courses while an undergraduate student does not guarantee admission to a graduate program at Piedmont College. In order for course work to be credited at the graduate level, students must be accepted into a Piedmont College graduate program.

Note: Undergraduate students are prohibited from taking all M.B.A. foundation and/or core phase courses.

Auditing a Course

A student who wishes to audit a course must register for the course and pay the established tuition rate. Audited courses are subject to the same registration and drop/add policies as courses taken for credit. As such, credit courses may not be changed to audit status or vice versa once the initial drop/add period is over. Students who wish to receive credit for courses in which they were registered as auditors must repeat the course for credit.

Courses taken on an audit basis cannot be used for certification for financial aid, Social Security, Veterans Administration benefits, or athletic eligibility.

Declaration of Major and Minor

Majors and/or minors are listed and described along with the courses in each area. The following are definitions of some terms as they are used at Piedmont College.

**Major:** A major is a sequence of courses in an academic area or two or more related areas. The minimum number of credit hours required for each major is listed with that major. Each course in the major must be passed with a grade of “C” or higher.

**Minor:** A minor is a short sequence of courses taken in an academic area which complements a student’s major and provides a second field of in-depth study. Each minor specifies
a minimum number of hours to be earned and the courses required. Each course in a minor must be passed with a grade of “C” or higher.

**Concentration**: A concentration is a required part of some academic majors. Concentrations allow students to specialize within the major from one or more options. Each course in a concentration must be passed with a grade of “C” or higher.

A major and a minor or concentration as appropriate should be officially declared as early as possible, but no later than the beginning of the junior year. To do so, a student should obtain a copy of the Declaration of Major/Minor/Concentration Form from the Registrar and complete it in consultation with his or her academic advisor. Upon completion, the advisor should return the form to the Registrar.

**GRADES**

Each instructor establishes the quantitative and/or qualitative basis and procedures by which he or she computes grades. Such information is published in each syllabus.

At the end of each semester, a complete report of academic achievement is furnished to the student via their Piedmont College e-mail address.

**Grade Appeals**

Students who wish to dispute a final grade and are prepared to present evidence to support a grade appeal must initiate the procedure by speaking first with the instructor who assigned the grade in question. If there are no errors in the computation of the grade or other substantial evidence to support an appeal, the student is encouraged to accept the grade assigned. However, in cases where there are substantial grounds for a review of the grade and a resolution cannot be reached between the student and the instructor, the student has the following recourse:

1. Within two weeks of the beginning of the term following the one for which the grade was posted, the student must submit to the appropriate department chair a letter of appeal with evidence supporting the need for an external review of the grade in question. A form, which describes the supporting material required, is available from the academic deans offices. The department chair will review the student’s material and consult with the instructor before deciding if the assigned grade should stand. The department chair must provide a written response to the student with a copy to the school dean.

2. If a student does not accept the decision of the department chair, there is one additional level of appeal. The student may submit documentation to the appropriate academic dean (in the school where the course was taught) who will determine if new information or insufficient consideration of the student’s case merits further review of the assigned grade. The dean’s decision to proceed or not to proceed will be final in all cases.

3. If the dean determines that further review is warranted, the dean will review the material and consult with the student and the instructor. The dean may exercise discretion to consult other faculty or students who can provide relevant information. The dean’s decision will be final.

4. The entire appeal process must be completed within four weeks of the date the grade was appealed.

5. When the dean or department chair is the teacher of record, the dean will substitute for the department chair and the vice president for academic affairs will replace the dean.
Quality Points

A quality point is a numerical unit of value that indicates the quality of work performed. Each final grade in a course shall be assigned a quality point value as follows:

- A ....................................4 quality points per semester hour
- B ....................................3 quality points per semester hour
- C ....................................2 quality points per semester hour
- D ....................................1 quality point per semester hour
- F ....................................0 quality points
- IP ...................................0 quality points

In an instance where a course has been repeated (R), the course is counted only once, and only the grade from the first time repeated is used in the computation of the cumulative GPA.

Grade-Point Average

A grade-point average (GPA) is calculated as a ratio of the number of quality points earned to the number of credit hours attempted. The computation of the GPA is based only on courses taken and grades received at Piedmont College and does not include transfer grades. Three types of GPA are calculated: semester, cumulative, and honors. The semester GPA is based on the student’s record for a given semester. The cumulative GPA is based on the student’s record to date. In an instance where a course has been repeated (R), the course is counted only once, and only the grade from the first time repeated is used in the computation of the cumulative GPA. For students who reentered the College under the Forgiveness Policy, courses taken at Piedmont College prior to reentry are not included in the computation of the cumulative GPA.

The Honors GPA is used only to determine the award of degrees with honors. It is based on all the courses a student has taken at Piedmont. It includes all attempts a student has made to complete any particular course; i.e., the initial time a course was taken as well as all repeat times.

Undergraduate Student Academic Status

Certain terms are used to indicate student academic status in the College community.

**Good Standing** signifies that the student is eligible to return to the College and is on neither academic nor conduct probation. To be in good standing academically, a student must maintain a minimum cumulative GPA of 2.0.

**Academic Probation** denotes failure to maintain a cumulative 2.0 GPA.

**Conditional Standing** is accorded a student who has been conditionally admitted to the College based on placement scores and transfer GPA, or who, after being academically excluded or dismissed, is readmitted on a conditional basis by the dean of the appropriate school.

**Academic Exclusion** affects those who do not meet the following minimum standards as computed at the end of each semester.

1. Minimum cumulative GPA for freshman students (up to 30 total credit hours) of 1.5.
2. Minimum cumulative GPA for sophomore students (31 to 60 hours) of 1.8.
3. Minimum cumulative GPA for junior students (61 to 90 hours) of 1.9.

4. Minimum cumulative GPA for senior students (91 to 121 hours) of 2.0.

5. Minimum cumulative GPA for senior students (121 or more hours) of 2.0. A 2.0 cumulative GPA is required for graduation.

A student who has been excluded from the College for academic deficiencies may appeal the decision in writing to the dean of the appropriate school. The student will be notified of the dean’s decision in writing with copies to the academic advisor and Registrar. If the appeal is granted, the student may be readmitted on a conditional basis.

A readmitted student must show satisfactory progress in moving toward academic good standing and meeting the minimum academic standards of the College. The Registrar will monitor the semester GPA of the conditional student. Should the semester GPA fall below 2.0 without the minimum standards being achieved, the student’s work will be reviewed to see if dismissal is warranted. The dean of the appropriate school makes the final decision as to continuation, exclusion or dismissal of the student.

**Academic Dismissal**

Academic Dismissal results in involuntary separation of the student from the College for an extended time period for academic reasons based upon the recommendation of the appropriate dean to the Vice President for Academic Affairs. Students may appeal the decision to the Vice President for Academic Affairs and, in turn, to the President if warranted. A student so dismissed may petition for readmission after a reasonable period of time, usually a year. The second academic dismissal is permanent. Specific schools may have different requirements—consult the specific school for requirements.

**Readmission After Dismissal**

Students who have been dismissed from the college for any reason may petition for readmission after one year. A completed Application for Readmission (www.piedmont.edu/reg) and a written letter requesting readmission must be submitted to Vice President of Academic Affairs no later than 5 p.m. on the date of registration for the current semester. Requests received after the deadline will be considered for readmission for the following semester.

A determination will be made to approve or deny readmission on a conditional basis and the student will be notified of the decision in writing.

**Academic Honors (Undergraduate Only)**

Various types of academic honors at Piedmont College are based on the student’s GPA. The requirements for these honors and their designations are as follows.

**Dean’s List:** Full-time status (minimum of 12 semester hours) with a semester GPA of 3.50-3.99.

**Dean’s Scholar:** Full-time status (minimum of 12 semester hours) with a semester GPA of 4.0.

**Degree With Honors:** Undergraduates who earn at least 48 semester hours at Piedmont College with an honors GPA of 3.50-3.69 (cum laude), 3.70-3.89 (magna cum laude), 3.90-4.00 (summa cum laude).
Posthumous Degrees
In the event of a student’s death during his or her final term of study, a member of the student’s family will be invited to accept the diploma during commencement exercises. In order to receive a posthumous degree, the student must have completed a minimum of 90 semester hours.

Repeating Courses
A student who earns a grade below a “C” in a Piedmont College class may repeat that class as many times as necessary to meet graduation/degree requirements; however, only one grade forgiveness per course will be allowed. All courses taken shall remain on the transcript and repeated courses will only count once toward total hours earned for graduation. Grades and credit earned from repeat coursework at other institutions cannot be used in calculating the grade-point average at Piedmont College. Students must submit a “Request to Repeat a Course” form with the Registrar.

Veterans’ benefits can not be received for repeated courses. The policy does not apply to course work repeated at other colleges.

Incomplete
For reasons such as illness or other extenuating circumstances, a student may receive an Incomplete “I” upon the approval of the course instructor and the dean of the appropriate school. Assignment of an Incomplete grade is appropriate only when a substantial amount of work (at least one-half) in the course has been completed. A request for an Incomplete grade is not appropriate until after the official date for withdrawal without academic penalty has passed. Application forms may be obtained from the Registrar’s Office. Failure to remove the “I” by the end of the next semester (if the student continues to be enrolled) at Piedmont College will result in an “F.” For students who do not return to Piedmont College, the “I” must be removed within one calendar year or the “I” will be changed to an “F.”

Grade Changes
Grades reported to the Registrar and recorded shall not be changed except under the following specified circumstances:

1. A written statement by the instructor that the grade recorded was a factual error;

2. Change of grade of “I,” as previously outlined;

3. Students who receive a grade of “F” or “D” in a course taken during their final semester shall have the option of taking a comprehensive exam for the course. A passing grade on the exam is a passing grade in the course; and

4. Recommendation by the dean of the school in which the student is enrolled and/or the Provost and Vice-President for Academic Affairs.

Dual Enrollment
Piedmont College allows students to enroll at other institutions of higher education with special permission. Individual cases are only approved if extenuating circumstances are present. These circumstances can include, but are not limited to, completing courses not offered when needed and to register for prerequisite courses. To request permission, students must submit a letter in writing to the Registrar. Such a request must be approved by both the Registrar and the Director of Financial Aid.
Transient Permission

Piedmont College students who wish to take courses at other institutions may do so only with the written permission of the Registrar. To request permission for transient status, students should obtain a letter of Transient Permission from the registrar’s office. Classes with a grade below “C” will not be accepted for credit. Students are reminded of the graduation requirement that all senior work (the last 30 hours) must be course work completed at Piedmont College.

Drop/Add and Withdrawal

The drop/add period is the first five days of Fall and Spring semesters and the first three days of Summer semester. During this time students may drop and add courses with the permission of their advisor. After the initial drop/add period, a student may withdraw from a class by completing a drop/add form which must be signed by the advisor and the professor. The professor must fill in the last date of attendance on the drop/add form.

Students who withdraw from a course on or prior to the date noted in the College’s official calendar as the “last day to withdraw without receiving academic penalty” shall receive a “W” for the course and the hours will not be counted in the calculation of GPA. Students will still have to pay for the course and the hours do count against Hope eligibility. Classes dropped after this date will result in a grade of “WF” and the hours will be counted in the calculation of GPA. Students who stop attending but do not submit appropriate forms to withdraw will receive an “F.”

Students may not add an 8-week class after the first class meeting has been held.

Freshmen and Joint Enrollment students are not permitted to change schedules without permission of the Associate Dean for the School of Arts and Sciences.

Withdrawal from College

Students who are found to be in violation of College regulations, in violation of local and/or state laws, or for circumstances deemed to be in the best interest of the College, may, upon the recommendation of the chief academic officer and concurrence of the president, be removed from a residence hall and/or dismissed from the College. The exit interview process must be completed with Financial Aid and the appropriate forms signed and filed with the Registrar before refunds (if applicable) can be made or transcripts forwarded.

Students who withdraw from all courses at Piedmont college after the last day to drop a course without academic penalty shall receive a “WF” in each course.

Medical Withdrawal

Under extenuating circumstances, the Vice President for Academic Affairs may approve a withdrawal for medical reasons.

Non-Academic Dismissal

Students who are found to be in violation of College regulations, in violation of local and/or state laws, or for circumstances deemed to be in the best interest of the College, may be removed from a residence hall and/or dismissed from the College. Students may appeal the decision to the Vice President of Academic Affairs and, in turn, the President, if warranted. Grades of “W” or “WF” may be assigned. Grades of “W” after midterm require the approval of the Vice President for Academic Affairs and will be approved only in cases of acceptable extenuating circumstances.
GRADUATION

Piedmont College holds three graduation ceremonies each academic year. Each year’s class consists of students graduating in December, May and July. Example: The Class of 2010 includes graduates from December 2009, May 2010 and July 2010. A baccalaureate service is held preceding graduation in May each year and is for undergraduate students only. Baccalaureate services are not held during fall or summer semester graduations.

Please check the Academic Calendars posted on the web at www.piedmont.edu/reg for ceremony dates and times and also for application deadlines for each semester’s graduation. Mailings will be sent each semester with graduation details and participation forms that must be returned in order to participate in the ceremony or to have diplomas mailed after the ceremony.

Graduation Requirements

In order to graduate with the degree of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, or Bachelor of Science in Nursing, the candidate must:

• Complete a minimum of 120 credit hours exclusive of the Intro to College Life and Liberal Arts Tradition;

• Fulfill the minimum requirements for a major. Half the required courses for the major (and for a minor if one is chosen) must be completed at Piedmont College;

• Complete all senior work (the last 30 hours before graduation, exclusive of the Intro to College Life and Liberal Arts Tradition requirement) at Piedmont College;

• Meet the College’s English and math proficiency requirement. (“C” or better in ENG 101 and 102 and the general education math requirement.);

• Have a cumulative GPA of at least 2.0 or higher (specific majors may require a higher GPA);

• Have a satisfactory conduct record;

• Apply for graduation by posted application deadlines (see Academic Calendars at www.piedmont.edu/reg) with applications for Summer graduation due no later than April 1. Applications for Graduation for Summer semester received after April 1 will be processed during Fall semester.

• Be current on all College bills.

It is the responsibility of all graduating students to apply for graduation by posted deadlines (see Academic Calendars at www.piedmont.edu on the Registrar’s page. Application forms may be obtained from the Registrar’s Office or on the Registrar’s page on the web site. Applications for graduation must be received by the Registrar’s Office in order to register for capstone/senior seminar classes.

Graduation Charges

A charge of $50 ($75 for the graduate program) is due at the time of application for graduation.* It is the student’s responsibility to be familiar with application deadlines which are posted on the academic calendars. All college bills must be paid before the degree is conferred.
Applications for graduation for Summer received after April 1st will not be processed until the following semester. Applications received after the posted deadlines will incur a $100.00 late fee.

Transcripts
A transcript is a record of all courses taken and grades received at the College, as well as those transferred into the College. As such, it includes all initial and repeat courses and all courses that fall under the Forgiveness Policy.

All requests for transcripts must be submitted to the Registrar in writing and must include the student’s signature. Transcript Request Forms may be found at www.piedmont.edu/reg. The charge for official transcripts is $5.00 each. There is no charge for unofficial transcripts. No transcripts shall be issued for students whose accounts are not paid in full.

Student Academic Records
(The Family Educational Rights and Privacy Act - FERPA)
SECTION A: Student Academic Records
The Registrar has a master roster of all students which lists high school grades, SAT scores, etc. Copies of students’ permanent records are furnished to advisors. Faculty members may examine student records on request to the Office of the Registrar.

After appropriate training and with the approval of the Vice President for Academic Affairs, faculty members may access student records via computer on the campus network.

SECTION B: Confidentiality of Student Records
Piedmont College complies with all requirements of the Family Educational Rights and Privacy Act of 1974 and all amendments thereto. Complete information is available in the Office of the Registrar and on the web at www.piedmont.edu/reg.

The law defines student education records to include “records, files, documents, and other materials which contain information directly related to a student and are maintained by a university or by a person acting for a university.” Within 45 days of receiving a request, universities must allow students to inspect those education records. Excluded from the definition of student education records are records made about students by teachers and administrators for their own use and not shown to others.

Confidential letters of recommendation or evaluations which were in the records prior to January 1, 1975, need not be made available to students. For letters after that date, the law allows students to waive rights of access if the letters have to do with admission, employment, or honors, if the letters are used only those purposes, and if students are told, on their request, the names of all letter writers. No student or applicant may be required to execute a waiver.

Students have the right to challenge the contents of their educational records and to secure correction of inaccurate or misleading information. Students may insert into their records a written explanation respecting the content of such records. Students may challenge a grade in their records only on the ground that it was inaccurately recorded, not that it was different than the instructor ought to have recorded.

Teachers, administrators, and similar professional personnel (in the same institution) may look at the record if they have a “legitimate educational interest.”
The university may transfer information to other educational institutions in which the student intends or seeks to enroll, in connection with a student’s application for, or receipt of, financial aid, and to public officials enumerated as follows:

1. State and local officials to whom state law in effect on November 19, 1974, required information to be reported.

2. Organizations like ETS and CEEB in connection with developing, validating, or administering predictive tests, administering student aid programs, and improving instruction.

3. Accrediting organizations in order to carry out their accrediting functions.

4. Parents of a student who is a dependent for income tax purposes.

5. Appropriate persons in the case of health and safety emergencies.

Directory information may be released without the consent of a student unless the student specifically asks that prior consent be obtained. Requests for non-disclosure will be honored for only one academic year; therefore, authorization to withhold directory information must be filed annually in the office of the Registrar. Directory information includes a student’s name, address, telephone listing, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weights and heights of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational institution attended by the student. A university must publish a list of what it designates as directory information and give each student a reasonable period of time to ask that any and all such information not be released without prior consent.

Other than in the exceptions listed, or in the case of directory information, or in responding to judicial process, employees of a university may not release personally identifiable information in education records or allow anyone access to those records, unless the student has given written consent specifying records to be released, the reasons for such release, and to whom, and a copy of the released records is furnished to the student.

Educational agencies and institutions are permitted to disclose personally identifiable information from students’ education records, without consent, in connection with a health or safety emergency. Under the health and safety emergency exception, universities will be able to contact anyone, including parents, potential victims, a student’s previous schools, and law enforcement authorities if that would help diffuse or assess the danger of imminent harm to the students or others. The college will be required to record the articulable and significant threat that formed the basis for the nonconsensual disclosure; they must also record the parties to whom information was disclosed. This document becomes part of the education record and will be subject to FERPA’s inspection, review, amendment, and nondisclosure requirements. No information concerning a student’s education record may be disclosed over the telephone to anyone, even to the student.
ADMINISTRATIVE STRUCTURE

Dr. James F. Mellichamp, Provost and Vice President for Academic Affairs
Dr. Kenneth E. Melichar, Associate Vice President for Academic Affairs – Planning
Dr. Sandra B. Dickson, Dean for Graduate Studies
Dr. A. Melton Palmer, Vice President for Athens Campus

The College faculty is responsible for the academic program of the College and functions under the direction of the Vice President for Academic Affairs. However, the individual disciplinary programs of study offered by the College are managed on a day-to-day basis through a school structure comprised of four schools. Each school includes closely related disciplines. Within each school, departments are responsible for specific disciplinary areas.

School of Arts and Sciences
Vacant, Dean
Dr. Viviane Daigle, Associate Dean
Office of Interdisciplinary Studies: Dr. Viviane Daigle, Director
Department of Art: Christopher Kelly, Chair
Department of Humanities: Dr. Stephen Whited, Chair
Department of Mass Communication: Dr. Dale Van Cantfort, Chair
Department of Mathematics and Physics: Hope Menzel
Department of Music: Dr. C. Wallace Hinson, Chair
Department of Natural Sciences: Dr. Debra Dooley, Chair
Department of Social Sciences: Dr. Kenneth E. Melichar, Chair
Department of Theatre: William Gabelhausen, Chair

Walker School of Business
Dr. John M. Misner, Dean
Dr. Patricia S. Sherrer, Athens Campus: Operations Director for Business Programs and MBA Director
Dr. Stephen C. Carlson, Athens Campus: Chair, Undergraduate Programs
Dr. Edward C. Taylor, Demorest Campus: Chair, Undergraduate Programs and MBA Director

School of Education
Dr. A. Jane McFerrin, Dean
Dr. J. Robert Cummings II, Associate Dean
Department of Art: Christopher Kelly, Chair
Department of Early Childhood Education: Dr. Charles H. Lucado Jr., Chair
Department of Middle Grades Education: Dr. Madge H. Kibler, Chair
Department of Music: Dr. C. Wallace Hinson, Chair
Department of Physical Education: Dr. Ellen C. Briggs, Chair
Department of Secondary Education: Dr. H. Hilton Smith, Chair
Department of Special Education: Dr. Donna G. Andrews, Chair
Department of Teaching and Learning (Ed.S., Ed.D.), Dr. J. Robert Cummings II, Chair
Department of Theatre: William Gabelhausen, Chair
Coordinator of Undergraduate Secondary Education: Dr. William Frech

R.H. Daniel School of Nursing
Dr. Linda Scott, Dean
UNDERGRADUATE STUDIES

At the undergraduate level, Piedmont College offers coursework leading to a Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, and Bachelor of Science in Nursing degrees. In seeking a degree, students have the opportunity to engage in one or more areas of study as provided by the major, minor and concentration offerings of the College.

A major is an in-depth study of an academic area or areas that are deemed related. A concentration is a specific area of study within a major, or a continuation of study beyond the major in the same or a related area or field. A minor is a collection of courses outside the major that allows the student the opportunity to explore another academic area or field.

Bachelor of Arts
- Majors offered in Athens and Demorest: business administration (with concentrations in accounting, general business, human resource management, marketing, and management); criminal justice; early childhood education; middle grades education; political science; psychology; and sociology
- Majors offered in Athens only: Business administration (technology management concentration); Graphic design
- Majors offered in Demorest only: art; biology education; English; English education; history; history education; interdisciplinary studies; mass communications; music (with concentrations in church music and music performance); philosophy and religion, Spanish, theatre arts, and drama education

Bachelor of Fine Arts
A major is offered in 2-D or 3-D studio art, and graphic design.

Bachelor of Science
Majors are offered in biology, broadfield science, chemistry, chemistry education, environmental geology, environmental science, interdisciplinary studies, computer science/mathematics, mathematics, mathematics education, and physics.

Bachelor of Science in Nursing
Students must complete general education courses required of the nursing major before acceptance into nursing courses.

Minors
Minors are offered in accounting, anthropology, art (art history and studio art), biology, business, chemistry, computer information systems, creative writing, criminal justice, English, environmental geology, environmental science, French studies, history, mass communication, marketing, mathematics, music, philosophy, physics, political science, psychology, religion, sociology, Spanish, teaching, and theatre arts.

Travel Study
Consistent with its goal to attract top students, Piedmont promotes travel opportunities for academic credit within a variety of study areas. Recent programs have included study abroad trips to England, Ireland, Costa Rica, Russia and the Czech Republic, as well as domestic trips to Alaska, Arizona, the Pacific Northwest, and California. Students may also study abroad for a semester at the University of Nottingham, England, with the approval of the Semester Abroad Committee. Only Piedmont undergraduate students are eligible for Travel Study.
Degree Requirements
Each student seeking a baccalaureate degree must complete the appropriate general education requirements, the requirements of a major, and a minimum of 120 credit hours. All students entering the College with fewer than 24 hours of college credit must complete a minimum of 120 credit hours, plus the Introduction to the Liberal Arts and Orientation to College Life (LA 101-3 credit hours) or Intro to College Life and Liberal Arts Tradition (PC 101-1 credit hour). A student may choose to complete a minor as part of the 120 required hours.

The general education requirements vary slightly for the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, and Bachelor of Science in Nursing degrees. The general education requirements for the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Science degrees are listed below.

To enter the Degree Completion Program, transfer students must present a minimum of 60 semester units of regionally accredited undergraduate course work or nationally recognized examination credit (CLEP or similar) in any of the categories below. Students having completed a minimum of 45 semester credit hours of general education courses within categories I-VI may apply for conditional admission to the program.

A. General Education Requirements for Bachelor of Arts
I. Communication .......................................................... 12-13 hours

  a. ENG 101 and 102 (minimum grade of “C” required)
  b. MCOM 100 or BA 200 (required of business majors)
  c. CIS/MATH 100 or

      CIS 200 for business majors, MATH/CIS majors and students interested in CIS electives or
      EDUC 250 for education majors (minimum grade of “C” required)
  d. PC 101 (Not required of transfer students entering the College with 24+ credit hours.)

II. Humanities and Fine Arts ....................................... 15 hours

  a. Foreign Language Sequence (choose pair)
     SPA 101 and 102 (Required for education majors unless foreign language sequence is transferred.)
     GER 101 and 102
     JAPN 101 and 102
     FRE 101 and 102

     Students entering Piedmont with substantial language ability, established placement from another institution, or placement by Piedmont’s humanities department may complete only the 102, 201 or 202-level course to fulfill the foreign language general education requirement. The additional hours must be made up by taking other courses in any area.

  b. Religion or Philosophy (one course)
  c. Literature (one English literature [200 level] course)
  d. Fine Arts (one course from ART 100, 301, 302, MUS 100, 201, 238, THE 100, 301, 302)
III. Social Sciences ................................................................................................................. 9 hours
  a. Any two HIST 100-200 level courses
  b. Any course at 200 level from ANT, ECON, PS, PSY, SOC (ECON required for business majors; PSY 290 required for education majors)

IV. Mathematics and Natural Sciences ............................................................................. 14-18 hours
  a. MATH 210 or 225 (minimum grade of “C” required, MATH 210 required for business majors)
  b. MATH 215 (ECE and MG education majors only)
  c. Any two 100-200 level lab science courses or BIO 110
  d. BIO/CHEM 207 or any other science or math course 102 or above

TOTAL ........................................................................................................................................... 50-55 hours

Depending upon the major and minor chosen by the student, the remaining minimum number of semester hours required for graduation in all areas except that of teacher preparation in early childhood, middle grades, and secondary education are as follows.

MAJOR ........................................................................................................................................... 18-55 hours
MINOR ........................................................................................................................................... 12-27 hours, if chosen
GENERAL ELECTIVES ........................................................................................................... 0-37 hours
TOTAL ......................................................................................................................................... 120-123 hours**

**Variation due to whether a student is required to take Introduction to the Liberal Arts and Orientation to College Life (LA 101 - 3 credit hours) or Intro to College Life and Liberal Arts Tradition (PC 101 - 1 credit hour).

B. General Education Requirements for Bachelor of Fine Arts
I. Communication ..................................................................................................................... 12-13 hours
  a. ENG 101 and 102 (minimum grade of “C” required)
  b. MCOM 100 or BA 200 (required of business majors)
  c. CIS/MATH 100 or
      CIS 200 for business majors, MATH/CIS majors and students interested in CIS electives or
      EDUC 250 for education majors (minimum grade of “C” required)
  d. PC 101 (Not required of transfer students entering the College with 24+ credit hours.)

II. Humanities and Fine Arts ................................................................................................. 15 hours
  a. Foreign Language Sequence (choose pair)
     SPA 101 and 102
     GER 101 and 102
     JAPN 101 and 102
     FRE 101 and 102
Students entering Piedmont with substantial language ability, established placement from another institution, or placement by Piedmont’s humanities department may complete only the 102, 201 or 202-level course to fulfill the foreign language general education requirement. The additional hours must be made up by taking other courses in any area.

b. Religion or Philosophy (one course)

c. Literature (one English literature 200-level course)

d. Fine Arts (one course from ART 100, 301, 302, MUS 100, 201, 238, THE 100, 301, 302)

III. Social Sciences ................................................................. 9 hours

a. Any two HIST 100-200 level courses

b. Any course at 200 level from ANT, ECON, PS, PSY, SOC (ECON required for business majors)

IV. Mathematics and Natural Sciences ..................................... 14-18 hours

a. MATH 210 or 225 (minimum grade of “C” required, MATH 210 required for business majors)

b. MATH 215 (ECE and MG education majors only)

c. Any two 100-200 level lab science courses or BIO 110

d. BIO/CHEM 207 or any other science or math course 102 or above

TOTAL ................................................................. 55 hours

MAJOR ................................................................. 18-55 hours

TOTAL ................................................................. 121-123 hours**

**Variation due to whether a student is required to take Introduction to the Liberal Arts and Orientation to College Life (LA 101 - 3 credit hours) or Intro to College Life and Liberal Arts Tradition (PC 101 - 1 credit hour).

C. General Education Requirements for Bachelor of Science

I. Communication ................................................................. 12-13 hours

a. ENG 101 and 102 (minimum grade of “C” required)

b. MCOM 100 or BA 200

c. CIS/MATH 100
   Or EDUC 250 for education majors (minimum grade of “C” required)

d. PC 101 (Not required of transfer students entering the College with 24+ credit hrs.)

II. Humanities and Fine Arts ................................................................. 15 hours

a. Foreign Language Sequence (choose pair)
   SPA 101 and 102
   GER 101 and 102
Students entering Piedmont with substantial language ability, established placement from another institution, or placement by Piedmont’s humanities department may complete only the 102, 201 or 202 level course to fulfill the foreign language general education requirement. The additional hours must be made up by taking other courses in any area.

b. Religion or Philosophy (one course)

c. Literature (one English literature 200-level course)

d. Fine Arts (one course from ART 100, 301, 302, MUS 100, 201, 238, THE 100, 301, 302)

### III. Social Sciences ................................................................. 9 hours

a. Any two HIST 100-200 level courses

b. Any course at 200 level from ANT, ECON, PS, PSY, SOC

### IV. Mathematics and Natural Sciences ................................. 19 hours

a. MATH 211 (minimum grade of “C” required)

b. A two-semester sequence from the following:
   - BIO 101-102 or BIO 110
   - CHEM 101-102
   - GEO 101-102
   - PHY 211-212

c. BIO/CHEM 207

**TOTAL**............................................................................... 55-56 hours

Depending upon the major and minor chosen by the student, the remaining minimum number of semester hours required for graduation in all areas except that of teacher preparation in early childhood, middle grades, and secondary education are as follows.

**MAJOR** .............................................................................. 18-49 hours

**MINOR** ............................................................................. 12-27 hours, if chosen

**GENERAL ELECTIVES** .................................................... 0-37 hours

**TOTAL** ............................................................................. **120-121 hours**

**Variation due to whether a student is required to take the Introduction to the Liberal Arts and Orientation to College Life (LA 101 — 3 credit hours) or Intro to College Life and Liberal Arts Tradition (PC 101 - 1 credit hour).**

**D. General Education Requirements for the Nursing Major**

The following courses are prerequisites to admission to the School of Nursing:
I. Humanities/Fine Arts/Communication ......................................................... 18 hours

ENG 101 ....................................................................................................... 3 hours
ENG 102 ...................................................................................................... 3 hours
SPA 101 ......................................................................................................... 3 hours
SPA 102 ......................................................................................................... 3 hours

Students entering Piedmont with substantial language ability, established placement from another institution, or placement by Piedmont’s humanities department may complete only the 102, 201 or 202 level course to fulfill the foreign language general education requirement. The additional hours must be made up by taking other courses in any area.

MCOM 100 or BA 200 .................................................................................. 3 hours
Choice of Electives: ART 100, MUS 100 or THE 100................................. 3 hours

II. Social Sciences .......................................................................................... 15 hours

HIST 212 or HIST 111 or HIST 112 or PS 220 ..................................................... 6 hours
PSY 201 ......................................................................................................... 3 hours
PSY 290 ......................................................................................................... 3 hours

Choice of Electives: ....................................................................................... 3 hours

SOC 201
ANT 215

III. Mathematics and Natural Sciences .......................................................... 22 hours

BIO 101 ......................................................................................................... 4 hours
BIO 210 ......................................................................................................... 4 hours
BIO 211 ......................................................................................................... 4 hours
BIO 215 ......................................................................................................... 4 hours
MATH 101* .................................................................................................. 3 hours
MATH 210 .................................................................................................... 3 hours

IV. Piedmont College 101 ............................................................................. 4 hours

PC 101 ............................................................................................................. 1 hour
Nursing 200 (Recommended) ....................................................................... 2 hours

V. Free Electives**

Must be academic courses—choices may include but are not limited to the following:

REL/PHIL 305, any 200-level ENG, BIO 102, ENVS 370

*If exempt from algebra, must take a course approved by your advisor.

**Undergraduate electives as needed to meet credit hour graduation requirements of Piedmont College.

TOTAL HOURS ................................................................................................ 60-61 hours

SENIOR COLLEGE CURRICULUM HOURS .................................................. 62 hours
General Education Requirements for Degree Completion Program — B.A., B.F.A., or B.S. Degree

To enter the Degree Completion Program, transfer students must present a minimum of 60 semester units of regionally accredited undergraduate college course work or nationally recognized examination credit (CLEP or similar). Students having completed a minimum of 45 semester credit hours of general education courses within categories I-VI may apply for conditional admission to the program.

I. Communication ................................................................. 12-15 hours
   a. English Composition ......................................................... 6 hours
   b. Speech Communications ............................................... 3 hours
   c. Computer Applications .................................................. 3 hours

II. Humanities and Fine Arts ............................................ 9 hours
    Humanities ................................................................. 6 hours
    Fine Arts ................................................................. 3 hours

III. Social Sciences ............................................................ 9 hours

IV. Mathematics (beyond college algebra) .......................... 3-6 hours*

V. Natural Sciences ............................................................ 6 hours
    Note: For B.S. in BIO, CHEM, ENVS, GEO students must complete a lab science sequence or BIO 110.

VI. Major Field Core Requirements ................................. 0-12 hours*
    Note: For B.S. in BIO, CHEM, ENVS, GEO students must complete a foreign language sequence. For B.A. in ENG or PHIL & REL, students must complete a foreign language sequence.

VII. Electives ................................................................. 9-21 hours*

TOTAL .................................................................................. 60 hours

* See requirements for specific programs.

Depending upon the major and minor chosen by the student, the remaining minimum number of semester hours required for graduation in all areas except that of teacher preparation in early childhood, middle grades, and secondary education are as follows:

MAJOR ................................................................. 18-48 hours
MINOR ................................................................. 12-27 hrs, if chosen
GENERAL ELECTIVES ............................................. 0-37 hours
TOTAL ................................................................. 120 hours

* Consult individual majors for specific requirements (if applicable).
**Variation due to hours required in Category VI.
PRE-PROFESSIONAL STUDIES
Students who wish to enter the professions of dentistry, law, medicine, pharmacy, theology or veterinary medicine may satisfy course requirements for entrance to the professional schools while at Piedmont College. A student planning on entering any of these professions should consult the Registrar early in the freshman year in order to be assigned to a freshman advisor qualified to direct such pre-professional study. Information on such pre-professional studies may be found in individual department program descriptions within this catalog. (See BIOLOGY for the health professions, HISTORY or ENGLISH for law and RELIGION for theology.)

Areas of Instruction
The various areas of instruction or disciplines of study within Piedmont College are listed by school in alphabetical order on the following pages. Available majors, minors and areas of concentration in these disciplines are listed along with courses and course descriptions. The College faculty members teaching in each discipline are also noted.
SCHOOL OF ARTS AND SCIENCES

“As around the mighty oak tree, clings the ivy vine, so around thee dear old Piedmont loyal hearts entwine.” (PC Alma Mater)

MISSION
The School of Arts and Sciences fulfills the mission of Piedmont College by serving as the liberal arts core of the institution, bringing together diverse courses of study in a collaborative, informative, and creative manner. The School offers majors and minors in a broad range of undergraduate disciplines through departmental and interdisciplinary programs; provides the comprehensive general education foundation for all students at the College; and supports professional programs with content courses at both the undergraduate and graduate levels.

General Education Philosophy
The primary commitment of the School of Arts and Sciences is to the educational enrichment and multidisciplinary learning of our students in a supportive environment. Through the liberal arts curriculum, the School promotes the development of eight abilities which support the effective use of content found in the courses at the College. These abilities are: 1) methodology; 2) critical thinking; 3) technology skills; 4) valuing diversity; 5) aesthetics; 6) communication mode; 7) written communication; and 8) oral communication.

As a result of the focus of the general education (core curriculum) program, Piedmont College graduates are better prepared to pursue their chosen careers and/or graduate and professional study, and to contribute to shaping the evolving cultural, ethical, political, and aesthetic values important to global citizenship.
Anthropology at Piedmont College is designed to promote intercultural understanding, to develop an understanding of the diversity of cultures (both past and present) as well as the relationships among them, to promote the recognition of the achievements of past and present cultures, and to promote a greater understanding of ourselves as human beings.

PROGRAM OF STUDY
Minor: Anthropology
A minor requires 15 hours (five courses) of course work in anthropology. Students can elect to take any five courses in anthropology; however, it is recommended that they consult with an anthropology faculty member when planning their program of study. No course may be counted for credit toward graduation in more than one field. A number of courses are cross-listed as noted under course descriptions.

Career Options
Possible career options include becoming a professional anthropologist by completing graduate work in anthropology; working with government agencies such as the National Park Service, Bureau of Indian Affairs, National Immigration Service, State Historic Preservation Agency, a regional planning agency, a social service agency, or as a contract archaeologist. A minor in anthropology especially complements a career in areas where a wide range of peoples of diverse ethnic, racial and cultural groups are involved.

Course Descriptions
ANT (SOC) 210. Social and Cultural Problems 3 hours
Focus on cultural, institutional and structural problems of society and major causes of and solutions to such problems as discrimination, prejudice, social inequality, environment, crime, and domestic violence.

ANT 215. Introductory Anthropology 3 hours
The history, methods, concepts and major contributions of anthropology.

ANT (SOC) 250. Cultural Anthropology 3 hours
Introduction to the varieties of human cultures, past and present. Survey of the thinkers and core concepts of cultural anthropology and of various societies with their differing cultural patterns.

ANT 340. Indians of North America 3 hours
After a discussion concerning the Asian origins of the native peoples of the New World, the prehistory of North America is briefly presented. Major focus is on the various culture areas of native North America and the tribes found in each area in early historic times.

ANT 350. Archaeology of Eastern North America 3 hours
Presents the prehistory of Eastern North America from circa 18,000 years ago to the early historic period (18th century A.D.). Adaptations and achievements of native peoples during each time period are discussed. Field trips to selected archaeological sites are taken.
ANT (SOC) 375. Social and Cultural Change  3 hours
Enhances critical understanding of the dynamics of, the reasons for, and the consequences of social and cultural changes.

ANT (SOC) 410. Ethnic and Racial Minorities  3 hours
Examines the various relations among minority groups and between minority groups and dominant groups, focusing on colonialism and assimilation models, the migrant experience, patterns of discrimination and prejudice, and the varieties of ethnic minorities.

ANT (PS/SOC) 475. Selected Topics  3 hours
This course examines topics related to culture, politics and society that are not part of the formal offerings within the department. May be repeated for credit only if the topic changes.
FACULTY
Assistant Professors, Jones, Michel, K. Wilson-Bryant
Department Chair Kelly

ART (ART)

The art program offers study in painting, drawing, sculpture, ceramics, photography, graphic design and art history. By actively creating and studying works of art in and out of class, students develop visual, creative and analytical skills. Class trips to regional art museums are a regular part of the curriculum.

PROGRAM OF STUDY

Bachelor of Fine Arts

The Bachelor of Fine Arts (B.F.A.) degree is a program designed for students planning to pursue a graduate degree in studio art, or for those students seeking a professional career in graphic design and related multimedia areas.

Bachelor of Fine Arts Degree in Art

Total Hours 121-125 hours
General Education 52-56 hours
Art Major .........................................................................................69 hours

Art Foundations 15 hours
ART 120. Drawing I ................................................................. 3 hours
ART 130. Two-Dimensional Design ........................................ 3 hours
ART 140. Three-Dimensional Design ....................................... 3 hours
ART 220. Drawing II ............................................................... 3 hours
ART 270. Painting I ................................................................. 3 hours

Professional Portfolio Review: Upon completion of the art foundations sequence, majors seeking admission to the B.F.A. degree program must submit a portfolio for review by the art faculty. Portfolio reviews are conducted at the end of the fall and spring semester. Deadline dates are posted in the department by midterm. Contact the chair of the art department for specific requirements.

Major Concentration (select one) ..................................................................18 hours

Two-Dimensional Design Concentration

Drawing and Painting
ART 320. Drawing III ............................................................. 3 hours
ART 370. Painting II .............................................................. 3 hours
ART 371. Painting III ............................................................. 3 hours
ART 440. Advanced Studies I (Painting IV) ............................. 3 hours
ART 440. Advanced Studies I (Drawing IV) ............................ 3 hours

Photography
ART 215. Photography I .......................................................... 3 hours
ART 315. Photography II .......................................................... 3 hours
ART 440. Advanced Studies I (Photography III) ....................... 3 hours
Three-Dimensional Design Concentration

Ceramics

ART 230. Ceramics I ................................................................. 3 hours
ART 330. Ceramics II .............................................................. 3 hours
ART 331. Ceramics III ............................................................. 3 hours
ART 440. Advanced Studies I (Ceramics IV) ............................ 3 hours

Sculpture

ART 260. Sculpture I ................................................................. 3 hours
ART 360. Sculpture II ............................................................... 3 hours
ART 461. Sculpture III ............................................................. 3 hours

Major Electives* ........................................................................................................ 18 hours

Selection of electives may be chosen from all art courses offered. Students should consult their advisor for discussion and planning in enhancing their concentration focus.

Art History/Criticism .................................................................................................. 15 hours

ART 301. Art History: Prehistoric to Renaissance .................. 3 hours
ART 302. Art History: Renaissance to Present ...................... 3 hours
ART 430. Art Criticism .............................................................. 3 hours
Art History Elective 3 hours
Art History Elective 3 hours

Senior Exhibition/Capstone ...................................................................................... 3 hours

ART 450. Senior Exhibition/Capstone .............................................. 3 hours

Bachelor of Fine Arts in Graphic Design (Demorest Campus)

69 hours are required to complete the BFA in Graphic Design:

Foundation Art Courses (15 hours):

ART 120 Drawing I ................................................................. 3 hours
ART 130 Two-Dimensional Design ........................................... 3 hours
ART 140 Three-Dimensional Design ........................................ 3 hours
ART 220 Drawing II ................................................................. 3 hours
ART 270 Painting I ................................................................. 3 hours

Foundation Mass Communications Courses ................................................. 9 hours:

MCOM 210 Mass Media Survey .................................................. 3 hours
MCOM 370 Advertising and Communication ............................ 3 hours
MCOM 390 Public Relations ....................................................... 3 hours

Art History (15 hours):

ART 301 Art History: Prehistoric Renaissance ...................... 3 hours
ART 302 Art History: Renaissance to Present ....................... 3 hours
ART 430 Art Criticism .............................................................. 3 hours
Art History Elective ................................................................. 3 hours
Art History Elective ................................................................. 3 hours
Graphic Design Courses (24 hours):

GRDS 200          Graphic Design I ......................................................... 3 hours
GRDS 250          Graphic Design II ....................................................... 3 hours
GRDS 300          Graphic Design III ..................................................... 3 hours
GRDS 260          Digital Photography .................................................. 3 hours
GRDS 370          Website Design ........................................................... 3 hours
GRDS 380          Animation ................................................................. 3 hours
GRDS 390          Broadcast Graphics ..................................................... 3 hours
GRDS 400          Advanced Studies in Graphic Design .......................... 3 hours

Electives: BFA Graphic Design Major (6 hours):

Choose courses from Art or Mass Communications with permission of the adviser.
Elective 3 hours
Elective 3 hours

Bachelor of Arts Degree in Art
The Bachelor of Arts (B.A.) degree is designed for students planning to pursue an interdisciplinary double major or for those students seeking to minor in another field.

Both the B.F.A. and the B.A. degrees are appropriate for students planning to pursue a career in art education through the M.A.T. graduate program.

General Education ............................................................. 52-56 hours
Art Major................................................................................. 48 hours

Art Foundations ............................................................................. 15 hours
ART 120.           Drawing I ............................................................... 3 hours
ART 130.           Two Dimensional Design ........................................ 3 hours
ART 140.           Three Dimensional Design ...................................... 3 hours
ART 220.           Drawing II ............................................................. 3 hours
ART 270.           Painting I ............................................................... 3 hours

Major Studio Courses .............................................................. 12 hours
Select four courses from photography, ceramics, sculpture, drawing, painting, and graphic design.

Major Electives*.............................................................................. 6 hours
Select any two upper-level art courses.

*Students preparing for the M.A.T. in art education are encouraged to take ART 410 and ART 411.

Art History................................................................. 12 hours
ART 301.           Art History: Prehistory to Renaissance ..................... 3 hours
ART 302.           Art History: Renaissance to Present ......................... 3 hours
ART 430.           Art Criticism ............................................................ 3 hours
Art History Elective 3 hours
Senior Exhibition/Capstone .......................................................................................... 3 hours
ART 450. Senior Exhibition/Capstone ............................................................................ 3 hours

Minor ........................................................................................................................... 12-27 hours
General Electives ....................................................................................................... 0-20 hours

*Students preparing for the M.A.T. in art education should take EDUC 355.

TOTAL .................................................................................................................................
120-123 HOURS

The addition of a Minor degree may be obtained in Art History or Studio Art (2-dimensional or 3-dimensional).

**Major: Bachelor of Arts Degree in Graphic Design (Athens Campus)**

The Graphic Design Program at Piedmont College offers an integrated approach that incorporates print, web and broadcast applications with an emphasis on client services within the global, ethical, and technological framework of mass communications.

Students participate in internships and apprenticeships with our partners including CNN and Georgia Public Broadcasting and other corporate and organizational entities in Atlanta and surrounding areas. Students attend national conferences and regularly participate in field trips relevant to the field of study.

The major consists of 42-hours (14 courses) which include 11 required courses and 9 hours of electives.

**Required Graphic Design Courses:** ........................................................................... 24 hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRDS 200</td>
<td>Graphic Design I</td>
</tr>
<tr>
<td>GRDS 250</td>
<td>Graphic Design II</td>
</tr>
<tr>
<td>GRDS 260</td>
<td>Digital Photography</td>
</tr>
<tr>
<td>GRDS 300</td>
<td>Graphic Design III</td>
</tr>
<tr>
<td>GRDS 370</td>
<td>Website Design</td>
</tr>
<tr>
<td>GRDS 380</td>
<td>Animation</td>
</tr>
<tr>
<td>GRDS 390</td>
<td>Broadcast Graphics</td>
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<tr>
<td>GRDS 400</td>
<td>Advanced Studies in Graphic Design</td>
</tr>
</tbody>
</table>

**Required Mass Communications Courses:** ................................................................ 9 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 210</td>
<td>Mass Media Survey</td>
</tr>
<tr>
<td>MCOM 370</td>
<td>Advertising and Communication</td>
</tr>
<tr>
<td>MCOM 390</td>
<td>Public Relations</td>
</tr>
</tbody>
</table>

**Graphic Design Electives: (Select at least 9 hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRDS 110</td>
<td>Practicum (1 credit hour)</td>
</tr>
<tr>
<td>GRDS 330</td>
<td>Special Topics in Graphic Design</td>
</tr>
<tr>
<td>GRDS 410</td>
<td>Internship in Graphic Design</td>
</tr>
</tbody>
</table>
Minor: Art History
A minor in art history requires 12 hours (four courses) including ART 301 and 302, and two elective courses in art history.

Minor: Graphic Design (Demorest & Athens Campus)
The minor in graphic design requires 18 hours of courses and can be taken by majors in any field offered at Piedmont.

Required Courses: (12 hours)

GRDS 200  Graphic Design I
GRDS 250  Graphic Design II
GRDS 300  Graphic Design III
GRDS 270  Digital Photography

Select two of the following courses (6 hours)

GRDS 370  Website Design
GRDS 380  Animation
GRDS 390  Broadcast Graphics
GRDS 330  Special Topics

Minor: Studio Art
A minor in studio art requires 15 hours (five courses) in studio courses. 2D or 3D Studio courses enhance your major degree and support further interests and careers.

Course Descriptions
ART 100. Introduction to Art  3 hours
A lecture course focusing on the technical and conceptual issues dealt with in visual art, with emphasis on the historical and social significance of art.

ART 120. Drawing I  3 hours
Fundamentals of drawing using a variety of subjects, with emphasis on the perception and delineation of three-dimensional form and space. Group and individual instruction. An additional 3 hours of independent studio work is required.

ART 130. Two-Dimensional Design  3 hours
Fundamentals of design and their application on a two-dimensional surface. Abstract problem solving using a variety of materials and covering a broad spectrum of concepts is included. An additional 3 hours of independent studio work is required.

ART 140. Three-Dimensional Design  3 hours
Fundamentals of design in three dimensions, exploring the elements of organization in modular and sculptural approaches. An additional 3 hours of independent studio work is required.

ART 215. Photography I  3 hours
Prerequisite: ART 130.
Operation and use of the 35mm camera; methods of processing and printing in black and white; and exploration of practical and artistic applications of photography. Special emphasis is placed on the analysis and understanding of the creative process, technical merit and the art of seeing. An additional 3 hours of independent studio work is required.
ART 220. Drawing II
Prerequisite: ART 130
3 hours
Emphasis on drawing the human figure. Students will work with live models. An additional 3 hours of independent studio work is required.

ART 230. Ceramics I
Prerequisite: ART 140
3 hours
How to work with clay and introduction to hand building, glazing and firing. An additional 3 hours of independent studio work is required.

ART 260. Sculpture I
Prerequisite: ART 140
3 hours
A beginning course in sculpture in which basic three-dimensional ideas are explored through carving, modeling and constructive methods. An additional 3 hours of independent studio work is required.

ART 270. Painting I
Prerequisite: ART 130
3 hours
An introduction to paint and techniques used to manipulate it. Emphasis is placed on adopting a method of painting that will launch the beginner. An additional 3 hours of independent studio work is required.

ART 301. Art History: Prehistoric to Renaissance
3 hours
Evolution of art, prehistoric to the Renaissance, with emphasis on critical analysis.

ART 302. Art History: Renaissance to Present
3 hours
Evolution of art, Renaissance to present, with emphasis on formal and critical analysis.

ART 305. Art of the Northern and Italian Renaissance
3 hours
A survey of art from Proto-Renaissance through the end of the 16th century. The formal characteristics of painting, sculpture, architecture, and some of the minor arts are analyzed in terms of stylistic and symbolic content in relation to the culture of the period.

ART 307. Modern Art: 19th and Early 20th Century
3 hours
A study of the cultural and historic roots of modern art in the 19th century and their fruition in the early decades of the 20th century. Attention is given to the relationship and influence of political, social, and economic changes on the arts of this period.

ART 308. Contemporary Art: 1945 to the Present
3 hours
A study of painting and sculpture today, beginning with the developments of the post-World War II period. Concentration is on work in the United States and Western Europe.

ART 309. Art in the United States: 1608-1945
3 hours
A survey of U.S. art beginning with the colonial period and ending with the culmination of World War II. The major focus is on characteristics of painting, sculpture, architecture, and some of the minor arts.

ART 311. History of Film
3 hours
A survey of major developments in film discussed in terms of design aspects.

ART 314. Special Subjects in Art
Prerequisites: ART 100 or ART 130 or ART 140
3 hours
In-depth discussion of special topics in studio art and art history with special attention to areas of the instructor’s expertise. Course can be repeated with each variation of topic.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 315</td>
<td>Photography II</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisite: ART 130 and ART 215. Further exploration of the creative uses and processes of black and white photography. Investigation of the potential of light sensitive material, i.e., liquid light, Van Dyke prints and introduction to Photoshop. An additional 3 hours of independent studio work is required.</td>
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</tr>
<tr>
<td>ART 316</td>
<td>Advanced Photography III</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisite: ART 130, ART 215, and ART 315. Introduction to the use of color through exploration of the 35mm slide format. Emphasis is placed on more independent, creative work. An additional 3 hours of independent studio work is required.</td>
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</tr>
<tr>
<td>ART 320</td>
<td>Drawing III</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 120, ART 130, and ART 220. Emphasis is placed on finding the technique of drawing that is the best vehicle for expressing individual perception and developing a consistent pattern of visual exploration. Includes work with live models. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 330</td>
<td>Ceramics II</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 140 and ART 230. Wheel-throwing techniques with clay, directed toward utilitarian ware and intermediate experience with glaze research. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 331</td>
<td>Ceramics III</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 140, ART 230, and ART 330. Wheel-throwing or hand-building techniques with clay, with reference to sculptural expression and advanced experiences in glaze research. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 361</td>
<td>Sculpture II</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 140 and ART 260. An examination of advanced sculpture techniques. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 370</td>
<td>Painting II</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 130 and ART 270. Advanced concepts in content explored. Emphasis on experimentation with various materials and media. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 371</td>
<td>Painting III</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisites: ART 130, ART 270, and ART 370. Directed toward finding a method of painting that is best suited for expressing the student’s personal vision. An additional 3 hours of independent studio work is required.</td>
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<tr>
<td>ART 430</td>
<td>Art Criticism</td>
<td>3</td>
</tr>
<tr>
<td>A course designed to introduce the student to various issues involving the analysis and evaluation of works of art.</td>
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<tr>
<td>ART 440</td>
<td>Advanced Studies I</td>
<td>3</td>
</tr>
<tr>
<td>Prerequisite: Permission of the department Photography, drawing, ceramics, sculpture, painting, and graphics. Sequential advanced studies into a selected medium with emphasis on the consistent development of in-depth</td>
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</tr>
</tbody>
</table>
knowledge and manipulative skills in executing a series of art works or following a single concept. (This sequence begins in the area of concentration.) An additional 3 hours of independent studio work is required.

**ART 441. Advanced Studies II**

Prerequisite: Permission of the department

Photography, drawing, ceramics, sculpture, painting, and graphics. Sequential advanced studies into a selected medium with emphasis on the consistent development of in-depth knowledge and manipulative skills in executing a series of art works or following a single concept. (This sequence begins in the area of concentration.) An additional 3 hours of independent studio work is required.

**ART 450. Senior Capstone Seminar and Exhibition**

Prerequisite: Permission of the department

This is a capstone course focusing on the knowledge and experience gained in the student’s area of specialization in art and emphasizing professional experiences and career achievement. Presentation in class will tie together information gained throughout the student’s art career at Piedmont and present issues important to emerging artists. Advanced students will use this as an opportunity to put together a final portfolio to be presented for a job interview or used for graduate school application.

**ART 460. Internship in the Field of Graphic Design**

Prerequisite: Permission of the department

The internship is a supervised, unpaid, service and learning experience for 100 hours (15 weeks) in an approved setting. The setting must allow the student to acquire knowledge and practical skills in the arts or art historical area pertinent to his/her field of study. The student maintains a journal and carries out at least one additional scholarly project related to the experience. A regular schedule of meetings with the supervising instructor is arranged.

**Graphic Design Course Descriptions**

**GRDS 110. Practicum**

Prerequisite: Consent of instructor.

Provides academic credit to students who work in areas of responsibility in graphic design, for example, working for a newspaper or magazine, working on the yearbook, etc. Students are required to work individually with the assigned professor and to log a minimum of thirty hours work in the field. At the end of the semester students are required to submit an 8-10 page paper explaining the role that they played in the creation of the designs and a complete portfolio with one copy of each design created during the term.

**GRDS 200. Graphic Design I**

Prerequisite: None

Introduction to the fundamentals of graphic design techniques and processes, including layout, mechanics and typography. Students will explore tools, techniques and theories of a broad spectrum of the graphic arts. An additional 3 hours of independent studio work is required.

**GRDS 250. Graphic Design II**

Prerequisite: GRDS 200 or consent of instructor.

Introduction to computer imaging for graphic design applications. Studio lab experience in creatively using various software applications for desktop publishing, drafting, illustration and typography. An additional 3 hours of independent studio work is required.
GRDS 260. Digital Photography
Prerequisite: None
This course is a study of the principles, terminology, techniques, tools and materials of digital photography. An additional 3 hours of independent studio work is required.

GRDS 300. Graphic Design III
Prerequisite: GRDS 200, 250 or consent of instructor.
Studio course in advanced graphic design. Greater specialization and individual problem solving in areas based on student’s strengths and interests, such as website design, animation, educational CDs, digital illustration, magazine and newspaper layout, logos and trademarks, etc. An additional 3 hours of independent studio work is required.

GRDS 330. Special Topics in Graphic Design
Prerequisite: GRDS 200, 250 or consent of instructor.
Topic for class will be determined by the professor. Selected topics in graphic design may include: typography, printing, packaging, posters, magazine or newspaper layout, educational DVDs, industrial design, corporate design, logos, large format design, displays, graphic design history, visual communications, client relationships, etc.

GRDS 330.1 (340) Client Relationships and Presentations
Prerequisite: GRDS 200, 250 or consent of instructor.
This course is designed to help students gain skills in dealing with and presenting to various types of clients. Topics include theory, psychology, principles and practices of dealing with clients. Students are given the opportunity to learn techniques of how to approach a variety of different type of clients. Classes are a combination of lecture and studio. Students will also get experience in preparing works for display during presentations. An additional 3 hours of independent studio work is required.

GRDS 330.2 (350) History of Graphic Design
Prerequisite: GRDS 200 or consent of instructor.
Major movements and pivotal artists/designers and directors, and their impact on current graphic design trends. Students will explore various styles and techniques that span the history of graphic design both in lecture and in studio practice. An additional 3 hours of independent studio work is required, including research, papers, and creating designs.

GRDS 330.3 (360) Visual Communication
Prerequisite: GRDS 200, 250 or consent of instructor.
This course is an introduction to the theory, psychology, principles and practices of symbols and the role that they play in the world. Students will explore symbols, techniques and theories behind the creation of symbolism spanning the history of graphic design both in lecture and in studio practice. An additional 3 hours of independent studio work is required.

GRDS 370. Website Design
Prerequisite: GRDS 200, 250, 260, or consent of instructor.
Introduction to and practical experience in the use of web design software. This course will emphasize creative design theory and applied technology. An additional 3 hours of independent studio work is required.
GRDS 380. Animation 3 hours
Prerequisite: GRDS 200, 250, 260, 370 or consent of instructor.
In this course students study animation, develop projects utilizing current software, and learn ways animation can be used in various areas of graphic design. An additional 3 hours of independent studio work is required.

GRDS 390. Broadcast Graphics 3 hours
Prerequisite: GRDS 200, 250, 260, 370, 380 or consent of instructor.
Exploration of new technologies in Broadcast Graphics and study of the significance this type of design plays. An additional 3 hours of independent studio work is required.

GRDS 400. Advanced Studies in Graphic Design 3 hours
Prerequisite: Senior Standing.
A seminar designed to synthesize and integrate the theories and skills of graphic design. Class will focus on exploration of complex design projects from concept to final product. Class is structured as a professional design studio. Students are required to give both a written and oral presentation of their senior capstone project. This senior thesis project demonstrates the student’s abilities in the following areas: technology, content knowledge, creativity and organization. Students must score 80 percent or better on the capstone thesis and presentation to pass the course. Capstone projects are evaluated by all members of the graphic design faculty. An additional 3 hours of independent studio work is required.

GRDS 410. Internship in Graphic Design 3 hours
Prerequisite: Senior Standing.
Internships give students practical work exposure. The student will work either in a business or an agency and will be supervised by external personnel and designated faculty. At the end of the semester students are required to submit a journal explaining the role that they played in the creation of the designs and a complete portfolio with one copy of each design created during the term.
BIOLOGY (BIO)

Biology is the study of life. Having a basic knowledge of biology is necessary to appreciate who we are as humans and how we function and relate to other living systems. Such an appreciation, in turn, is required to understand many of the most important medical, environmental and social issues facing society. In addition, many of our everyday activities require some degree of biological knowledge. In sum, studying biology gives us the tools to cope with life itself.

BACHELOR OF SCIENCE
PROGRAM OF STUDY
Major: Biology

The program of study for the major in biology is designed for students interested in biology as a pure and applied science. Successful completion of the program prepares students for a number of endeavors and job possibilities, including furthering their professional development through post-graduate training.

Pre-professional students in the areas of pre-dentistry, pre-medicine, pre-nursing, pre-pharmacy and pre-veterinary medicine usually choose biology to prepare for their particular program of study. However, pre-professional studies do involve variable curricula requirements depending on the particular professional school of the student’s interest. Students in pre-professional programs should, in conjunction with their advisor, contact the school(s) of their choice to obtain specific requirements in order to develop a proper program of study while at Piedmont College.

Science, including biology, is centered on application, not merely the learning of a body of facts. Therefore, an important focus of a major in the sciences at Piedmont College is developing a keen sense of the process of how science operates. This prepares students to succeed in graduate school while ensuring that they receive an education that is comparable to the finest institutions in the country.

Required Courses
BIO 320. General Microbiology
BIO 324. Genetics
BIO 365. Comparative Physiology
BIO 399 Philosophy and Methodology of Science
BIO 421. Biochemistry
BIO 450. Organic Evolution
BIO 470. Ecology
BIO 495. Science Seminar

Choose one:
BIO 350. Vertebrate Natural History
BIO 420. Invertebrate Zoology
Choose one: (Also required for the major, and may be applied to a minor)

  CHEM 351. Organic Chemistry I
  CHEM 352. Organic Chemistry II
  PHY 211. General Physics I
  PHY 212. General Physics II

**Minor: Biology**

A minor in biology requires 15-16 hours (four courses) in biology coursework. Courses must be at the 300 level or above.

**Honors Program in Biology**

The Honors Program in Biology allows academically qualified students to delve deeper into the scientific experience and to better prepare for post-graduate education by conducting independent research. To that end, students who are in the Honors Program are required to take BIO 4989 (Senior Research: Honors) and BIO 499 (Honors Thesis) in addition to their major requirements. Honors students also take BIO 4959 (Senior Seminar Honors) instead of BIO 495 (Senior Seminar). Students having a GPA of 3.0 or better may apply for entry into the Honor Program during their junior year. Those with a GPA of 3.5 or better are guaranteed acceptance. Students in the Honors Program receive scholarship money as well as recognition upon graduation that they graduated with Honors in Biology.

**BACHELOR OF ARTS**

**PROGRAM OF STUDY**

**Major: Biology Education**

Piedmont’s undergraduate secondary education program addresses the continuing shortage of highly qualified teachers in Georgia. Advisors, selected for both their teaching skill and experience in high school classrooms, model techniques proven to work in high school settings when teaching their college content courses. Designed to produce teachers who have more “hands-on” experience, the program enables candidates to observe and assist with teaching in 6-12th grade classrooms. Candidates also experience the impact that diversity has on schooling and consider the implications on teaching and learning. Candidates study and reflect upon the knowledge, skills, and dispositions (habits of mind) required for successful teachers—both in their college classes and during field work. Requiring a content major in the field of study, this program culminates in a full year Apprentice Teaching experience in area schools.

The major in biology education requires 64 hours, beyond the General Education requirements, comprised of the following courses (Course descriptions for Education classes begin on Page 212):

**Professional Education Sequence**

EDSE 102. Explorations in Secondary Education
EDSE 201. Explorations in Secondary Education
EDSE 202. Explorations in Secondary Education
EDSE 301.* Explorations in Secondary Education
EDSE 302. Explorations in Secondary Education

*Students admitted to the secondary education cohort during their general education program will enroll in the one (1) hour Explorations class. Transfer students and Piedmont students who declare a secondary education major at the start of their junior year will be required to
enroll in Explorations for three (3) hours credit in order to introduce previously developed strands explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year will be advised to pursue the Dual-Degree Program. (Refer to the current catalog for details.)

**Professional Year**

EDSE 400. Facilitating Learning and Assessment I
EDSE 498. Apprentice Teaching I
PSY 311. Psychology of Adolescence
ENG 440. Reading and Writing in the Content Fields
EDSE 401. Facilitating Learning and Assessment II
EDUC 355. Exceptional Children
EDSE 499. Apprentice Teaching II

**Content Courses**

CHEM/PHY 111. Physical Science I
CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
BIO/CHEM 207. Environmental Science
CHEM 351. Organic Chemistry
BIO 324. Genetics
BIO 350. Vertebrate Natural History (or 420)
BIO 399. Philosophy and Methodology of Science
BIO 421. Biochemistry
BIO 470. Ecology
BIO 495. Science Seminar

**Career Options**

The most common careers in biology include teachers, researchers, laboratory personnel, government employees, health care professionals, industrial technologists, scientific writers and illustrators, and medical librarians. Others use an undergraduate degree in biology as a foundation for professional training in dentistry, medicine, nursing, pharmacy, veterinary medicine and environmental law.

**Course Descriptions**

BIO 101. General Biology I 4 hours
Introduction to the chemical and cellular basis of life: cell structure, photosynthesis, respiration, nutrient procurement and processing, gas exchange, internal transport, chemical and nervous control of body functions, and reproduction. Lecture and laboratory.

BIO 102. General Biology II 4 hours
Prerequisite: BIO 101.
Continuation of BIO 101. Basic patterns of inheritance, nature of genes, embryological development, evolution, principles of taxonomy, survey of living organisms and ecology. Lecture and laboratory.

BIO 110. Biology for Today’s World 7 hours
Prerequisite: Permission of instructor
Introduction to biological systems and processes with special emphasis placed on the issues with which a person in today’s society must deal, including aspects of medicine, the
environment, biotechnology, education, and ethics. Lecture, laboratory, and classroom
discussion. This course may be taken as part of the General Education curriculum in lieu
of the required two-laboratory course. It may also serve as a prerequisite of any current,
higher-level course that requires Bio 102.

BIO (CHEM/ENVS) 207. Environmental Science 3 hours
Prerequisite: MCOM 100.
Introduction to the study of man’s interaction with the environment. Problems of energy
utilization and waste disposal resulting in air, water and land pollution. Lecture only.

BIO 210. Human Anatomy and Physiology I 4 hours
The purpose of this course is to create student understanding of the structure and function
of the human body, ultimately leading to a high degree of professional proficiency in allied
health and physical education fields. The topics to be covered include basic biological
concepts as they relate particularly to the human body, the skeletal system, cardiovascular
system, circulatory system, cardiovascular system, etc. Lecture and Laboratory.

BIO 211: Human Anatomy and Physiology II 4 hours
Prerequisite: BIO 210
It is a continuation course of BIO 210. The purpose of this course is to create student un-
derstanding of the structure and function of the human body, ultimately leading to a high
degree of professional proficiency in allied health and physical education fields. The topics
to be covered include the digestive system, urinary system, reproductive system, immune
system, central nervous system, electrolyte balance, etc. Lecture and Laboratory.

BIO 215. Medical Microbiology 4 hours
Prerequisite: a laboratory course in biology.
Introduction to the study of microorganisms, with particular emphasis on those that relate
to human health.

BIO 305. Current Topics in Environmental Biology 2 hours
Prerequisites: BIO 101, BIO 102
This is a seminar course designed to inform and engage students about current issues in
Environmental Biology. Students will critically review current research in the area of Environmental Biology through readings, discussions, analyses, and presentations. Lecture only.

BIO 320. General Microbiology 4 hours
Prerequisite: BIO 102. CHEM 102 recommended.
Study of the biology of microorganisms including classification, ecology and pathology of
viruses, bacteria and molds. Lecture and laboratory.

BIO 324. Genetics 4 hours
Prerequisite: BIO 102.
Study of Mendelian genetics, variations and mutations, including the mechanics of DNA.
Laboratory emphasis on the examination of Drosophila as an example of simple inheritance
and linkage. Lecture and laboratory.

BIO 350. Vertebrate Natural History 4 hours
Prerequisite: BIO 102.
Classification and ecology of vertebrates of North America with emphasis on local forms.
Laboratory and field work involving techniques of field study and collection and preservation
of fishes, amphibians and reptiles. Lecture and laboratory.
BIO (ENVS) 365. Comparative Physiology  
Prerequisite: BIO 102. CHEM 102 recommended.  
Study of physiological processes in living organisms including prokaryotes, protists, fungi, plants and animals. Lecture only.

BIO (CHEM/ENVS/GEO/PHY) 399. Philosophy and Methodology of Science  
Prerequisite: At least one course in a 300/400 level science  
Overview of the history and philosophy of science; introduction to scientific research methods including concepts of statistical analyses, testing alternative hypotheses, and experimental design. Requires development of prospectus for Senior Research (BIO/CHEM 498) in consultation with thesis director. Lecture only.

BIO 420. Invertebrate Zoology  
Prerequisite: BIO 102  
Survey of the invertebrate phyla emphasizing morphology, ecology and phylogenetic relationships. Lecture and laboratory.

BIO (CHEM) 421. Biochemistry  
Prerequisite: CHEM 351. BIO 101 recommended.  
Metabolic pathways involving carbohydrates, fats, proteins and other biologically important substances. Lecture only.

BIO 450. Organic Evolution  
Prerequisite: BIO 324.  
Principles and mechanisms of evolutionary biology including genetic variation and selection, speciation, and phylogenetic construction and systematics. Lecture and seminar.

BIO 470. Ecology  
Prerequisite: BIO 102 and CHEM 102. MATH 211 recommended.  
Relationships among plants, animals and the physical environment; and interactions among and within populations, communities and ecosystems. Laboratory emphasis is on field techniques of studying plant and animal ecology. Lecture and laboratory.

BIO (CHEM/GEO/ENVS) 480: Special Topics in Natural Sciences  
Prerequisite: Permission of department chair.  
This course examines special topics in the natural sciences related to biology, chemistry, geology or environmental science, which are not part of the formal offerings of the department. May be repeated for credit only if the topic changes.

BIO (CHEM/GEO/ENVS) 493: Internship in Natural Sciences  
Prerequisites: Major in science, have necessary course work determined by faculty supervisor, and permission of department chair.  
This course allows students the opportunity to participate in applied job-related experience in the natural sciences: biology, chemistry, geology or environmental science. The course may be repeated for credit.

BIO (CHEM/ENVS/GEO/PHY) 495. Science Seminar  
Prerequisite: Senior standing in science major.  
Application for graduation must be submitted when registering for this class.  
4959 for majors participating in Science Honors program. Seminar presentation of thesis research.
BIO (CHEM/ENVS/GEO/PHY) 4959. Honors Science Seminar 1 hour
Prerequisite: Senior standing in science major; must be taken simultaneously with BIO 499.
Seminar presentation of honors research project.

BIO (CHEM/ENVS/GEO/PHY) 498. Senior Research 1 hour
Prerequisite: BIO 399 and senior standing.
4989 for majors participating in Science Honors program. Conduction of senior research under the direction of thesis director.

BIO (CHEM/ENVS/GEO) 4989. Honors Senior Research 1 hour
Prerequisite: BIO 399 and senior standing.
Conduction of honors research under the direction of the thesis director.

BIO (CHEM/ENVS/GEO/PHY) 499. Honors Thesis 1 hour
Prerequisite: BIO 498.
Must be taken simultaneously with BIO/CHEM 4959. Writing and approval of a thesis on research project conducted in BIO/CHEM 498. Thesis must be in the format of a scientific article and be approved by the thesis director and one additional reader from within the natural sciences.
FACULTY
Professors Camp, Dooley, Elrod and Wainberg
Associate Professors Austin, Carrigan and Dooley
Assistant Professors Eidson, T. Menzel

BROADFIELD SCIENCE
(BIO, CHEM, ENV, GEO)

A Bachelor of Science in Broadfield Science is available in the areas of Biology, Chemistry, Environmental Science and Environmental Geology. This program allows students to receive nearly the equivalent of a B.S. degree in one area of science but allows for enough flexibility in scheduling such that student will be further prepared in the natural sciences outside of the chosen area of concentration.

CONCENTRATION: BIOLOGY
Major Content Requirements: (26 hours)
BIO 320. General Microbiology
BIO 324. Genetics
BIO 365. Comparative Physiology
BIO 399. Philosophy and Methodology of Science
BIO 350. Vertebrate Natural History
or BIO 420. Invertebrate Zoology
BIO 450. Organic Evolution
or BIO 470. Ecology
BIO 495. Science Seminar

Chemistry (16 hours)
CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
CHEM 351. Organic Chemistry I
CHEM 352. Organic Chemistry II

Physics (8 hours)
PHY 211. General Physics I
PHY 212. General Physics II

Earth Science (8 hours)
GEO 101. Physical Geology
ES 202. Astronomy and Meteorology

Undergraduate Education (4 hours)
EDSE 366. Foundations and Practicum in Secondary Education

CONCENTRATION: CHEMISTRY
Major Content Requirements: (31 hours)
CHEM 321. Quantitative Inorganic Analysis
CHEM 322. Instrumental Analysis
CHEM 351. Organic Chemistry I
CHEM 352. Organic Chemistry II
CHEM 371. Inorganic Chemistry
CHEM 399. Philosophy and Methodology of Science
CHEM 421. Biochemistry
CHEM 451. Physical Chemistry I
CHEM 495. Science Seminar

**Biology (8 hours)**
BIO 101. General Biology I
BIO 102. General Biology II

**Physics (8 hours)**
PHY 211. General Physics I
PHY 212. General Physics II

**Earth Science (8 hours)**
GEO 101. Physical Geology
ES 202. Astronomy and Meteorology

**Undergraduate Education (4 hours)**
EDSE 366. Foundations and Practicum in Secondary Education

**CONCENTRATION: EARTH SCIENCE**

**Major Content Requirements: (27 -28 hours)**
GEO 102. Historical Geology
GEO 210. Environmental Geology
GEO 305. Current Topics in Environmental Geology
GEO 310. Hydrology
GEO 399. Philosophy and Methodology of Science
GEO 495. Science Seminar

**Chemistry (8 hours)**
CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
CHEM 305. Current Topics in Environmental Chemistry
or BIO 305. Current Topics in Environmental Biology

**Physics (8 hours)**
PHY 211. General Physics I
PHY 212. General Physics II

**Earth Science (4 hours)**
ES 201. Georgia Geology
ES 202. Astronomy and Meteorology

**Biology (12 hours)**
BIO 101. General Biology I
BIO 102. General Biology II
BIO 470. Ecology

**Undergraduate Education (4 hours)**
EDSE 366. Foundations and Practicum in Secondary Education
CONCENTRATION: ENVIRONMENTAL SCIENCE

Major Content Requirements: (25 hours)

ENVS 365. Comparative Physiology
ENVS 399. Philosophy and Methodology of Science
BIO 305. Current Topics in Environmental Biology
BIO 470. Ecology
BIO 350. Vertebrate Natural History
or BIO 420. Invertebrate Zoology
CHEM 305. Current Topics in Environmental Chemistry
or GEO 305. Current Topics in Environmental Geology
ENVS 495. Science Seminar

Chemistry (16 hours)

CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
CHEM 351. Organic Chemistry I
CHEM 352. Organic Chemistry II

Physics (8 hours)

PHY 211. General Physics I
PHY 212. General Physics II

Earth Science (8 hours)

GEO 101. Physical Geology
ES 202. Astronomy and Meteorology

Undergraduate Education (4 hours)

EDSE 366. Foundations and Practicum in Secondary Education

Career Options

Dual-Degree Program: This program is designed specifically for those students interested in pursuing teaching at the 6-12 grade level. The program design is based on the guidelines established by the Georgia Professional Standards Commission for the certification of secondary broadfield science teachers at the secondary level. Refer to Dual-Degree Programs on Page 211.

Middle Grades Add-On: The Middle grades add-on is also available for those students planning on teaching at the 4-12 level.

Course Descriptions

See areas of concentration for course descriptions.
CHEMISTRY (CHEM)

The science of chemistry is concerned with the composition, structure, properties and reactions of matter. The scope of chemistry is extremely broad; it includes the whole universe and everything, animate and inanimate, in it. Chemistry is concerned not only with the composition and changes in composition of matter, but also with the energy and energy changes that accompany the transformations of matter. Through chemistry, we seek to learn and understand the general principles that govern the behavior of all matter.

The chemist, like other scientists, observes nature and attempts to understand its secrets. A chemist may interpret natural phenomena, devise experiments that reveal the composition and structure of complex substances, study methods for improving natural processes, or synthesize substances unknown in nature. Ultimately, the efforts of chemists advance the frontiers of knowledge and at the same time contribute to the well-being of humanity.

Science, including chemistry, is centered on application, not merely the learning of a body of facts. Therefore, an important focus of a major in the sciences at Piedmont College is a senior thesis. The thesis enables students to use the scientific method to investigate topics of interest through the conduct of original research. This, in turn, prepares them to succeed in graduate school while ensuring that they receive an education that is comparable to the finest institutions in the country.

PROGRAM OF STUDY

Major: Chemistry

The major in chemistry requires a total of 43 hours (12 courses) comprised of the following courses.

- CHEM 321. Quantitative Inorganic Analysis
- CHEM 322. Instrumental Analysis
- CHEM 351. Organic Chemistry I
- CHEM 352. Organic Chemistry II
- CHEM 371. Inorganic Chemistry
- CHEM 399. Philosophy and Methodology of Science
- CHEM 421. Biochemistry
- CHEM 451. Physical Chemistry I
- CHEM 452. Physical Chemistry II
- CHEM 495. Science Seminar

In addition, students majoring in chemistry must take:

- MATH 212. Calculus II
- PHY 211. General Physics I
- PHY 212. General Physics II
**Minor: Chemistry**

The minor in chemistry requires 15-16 hours (a minimum of four courses) of chemistry in courses numbered 300 or above, two of which must be:

- CHEM 351. Organic Chemistry I
- CHEM 352. Organic Chemistry II

**Honors Program in Chemistry**

The Honors Program in Chemistry allows academically qualified students to delve deeper into the scientific experience and to better prepare for post-graduate education by conducting independent research. To that end, students who are in the Honors Program are required to take CHEM 4989 (Senior Research: Honors) and CHEM 499 (Honors Thesis) in addition to their major requirements. Honors students also take CHEM 4959 (Senior Seminar Honors) instead of CHEM 495 (Senior Seminar). Students having a GPA of 3.0 or better may apply for entry into the Honor Program during their junior year. Those with a GPA of 3.5 or better are guaranteed acceptance. Students in the Honors Program receive scholarship money as well as recognition upon graduation that they graduated with Honors in Chemistry.

**Major: Chemistry Education**

Piedmont’s undergraduate secondary education program addresses the continuing shortage of highly qualified teachers in Georgia. Advisors, selected for both their teaching skill and experience in high school classrooms, model techniques proven to work in high school settings when teaching their college content courses. Designed to produce teachers who have more “hands-on” experience, the program enables candidates to observe and assist with teaching in 6-12th grade classrooms. Candidates also experience the impact that diversity has on schooling and consider the implications on teaching and learning. Candidates study and reflect upon the knowledge, skills, and dispositions (habits of mind) required for successful teachers—both in their college classes and during field work. Requiring a content major in the field of study, this program culminates in a full year Apprentice Teaching experience in area schools.

The major in chemistry education requires 65 hours, beyond the General Education requirements, comprised of the following courses (Course descriptions for Education classes begin on Page 212):

**Professional Education Sequence**

- EDSE 102. Explorations in Secondary Education
- EDSE 201. Explorations in Secondary Education
- EDSE 202. Explorations in Secondary Education
- EDSE 301.* Explorations in Secondary Education
- EDSE 302. Explorations in Secondary Education

*Students admitted to the secondary education cohort during their general education program will enroll in the one (1) hour Explorations class. Transfer students and Piedmont students who declare a secondary education major at the start of their junior year will be required to enroll in Explorations for three (3) hours credit in order to introduce previously developed strands explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year will be advised to pursue the Dual-Degree Program. (Refer to the current catalog for details.)
Professional Year
EDSE 400. Facilitating Learning and Assessment I
EDSE 498. Apprentice Teaching I
PSY 311. Psychology of Adolescence
ENG 440. Reading and Writing in the Content Fields
EDSE 401. Facilitating Learning and Assessment II
EDUC 355. Exceptional Children
EDSE 499 Apprentice Teaching II

Content Courses
PHY 211. General Physics I
CHEM 321. Qualitative Inorganic Analysis
CHEM 322. Instrumental Analysis
CHEM 351. Organic Chemistry I
CHEM 352. Organic Chemistry II
CHEM 371. Inorganic Chemistry
CHEM 399. Philosophy and Methodology of Science
CHEM 451. Physical Chemistry I
CHEM 452. Physical Chemistry II/Quantum Mechanics
CHEM 495. Science Seminar

Career Options
Chemistry is a discipline fundamental to a wide variety of careers in industry, research and the allied health science fields. A strong foundation in chemistry is necessary for careers in medicine, biology, biochemistry, industrial or government research, pharmacy, high school science teaching, and chemical engineering. A good background in chemistry has proven invaluable for careers in chemical and technological sales, industrial management, business administration, and environmental and waste management. Other career opportunities include those requiring expertise in laboratory skills or management and quality control analysis.

Course Descriptions
CHEM 101. General Chemistry I 4 hours
Prerequisite: MATH 101 or equivalent.
Introduction to the transformation of matter in chemical reactions and the energy changes that accompany these reactions. States of matter, stoichiometry and atomic structure are treated in detail. Lecture and laboratory.

CHEM 102. General Chemistry II 4 hours
Prerequisite: CHEM 101.
Introduction to acids and bases, reaction kinetics and chemical equilibria. Reactions of chemical elements and compounds are described, and the separation and identification of inorganic compounds are studied in detail. Lecture and laboratory, which includes qualitative inorganic analysis.

CHEM (PHY) 111. Physical Science I 4 hours
Principles of the physical universe including properties of force, motion, gravitation and energy. Introduction to characteristics of matter including atomic structure and behavior. Lecture and laboratory.

CHEM (PHY) 112. Physical Science II 4 hours
Fundamentals of chemical reactions and organic chemistry. Composition and behavior of the earth and its atmosphere, the solar system and the universe. Lecture and laboratory.
CHEM (BIO/ENVS) 207. Environmental Science 3 hours
Prerequisite: MCOM 100.
Introduction to the study of man’s interaction with the environment. Problems of energy utilization and waste disposal resulting in air, water and land pollution. Lecture only.

CHEM 305. Current Topics in Environmental Chemistry 2 hours
Prerequisites: CHEM 101, CHEM 102
This is a seminar course designed to introduce students about recent issues in Environmental Chemistry. This course involves student participation in the review and research of recent aspects of the impact of chemicals (primarily industrial organic) in the environment. Students will critically study and evaluate such research areas and then evaluate their understanding through discussions and presentations. Lecture only.

CHEM 321. Quantitative Inorganic Analysis 4 hours
Prerequisite: CHEM 102.
Volumetric, gravimetric and instrumental methods of quantitative inorganic analysis. Lecture and laboratory.

CHEM 322. Instrumental Analysis 4 hours
Prerequisite: CHEM 102.
Demonstration and operation of modern optical and analytical instruments for chemical analysis. Lecture and Laboratory.

CHEM 351. Organic Chemistry I 4 hours
Prerequisite: CHEM 102.
Systematic study of the compounds of carbon. Alkanes, alkenes, alkynes, alkyl halides, cycloalkanes and aromatic compounds are studied with regard to properties, preparation and reactions. Lecture and laboratory.

CHEM 352. Organic Chemistry II 4 hours
Prerequisite: CHEM 351.
Continuation of CHEM 351 with a special emphasis on stereochemistry and the synthesis of complex organic molecules. Lecture and laboratory.

CHEM 371. Inorganic Chemistry 4 hours
Prerequisite: CHEM 102.
An introduction to modern theories of bonding and structure, reaction mechanisms and synthetic methods in inorganic systems. Synthesis and characterization by modern techniques of typical inorganic compounds. Lecture and laboratory.

CHEM (BIO/ENVS/GEO/PHY) 399. Philosophy and Methodology of Science 3 hours
Prerequisite: At least one course in a 300/400 level science.
Overview of the history and philosophy of science; introduction to scientific research methods including concepts of statistical analyses, testing alternative hypotheses, and experimental design. Requires development of prospectus for Senior Research (BIO/CHEM 498) in consultation with thesis director. Lecture only.

CHEM (BIO) 421. Biochemistry 3 hours
Prerequisite: CHEM 351. BIO 101 recommended.
Metabolic pathways involving carbohydrates, fats, proteins and other biologically important substances. Lecture only.
CHEM 451. Physical Chemistry I 4 hours
Prerequisite: CHEM 102; MATH 211 and 212 (may be taken concurrently); PHY 211 and 212 recommended.
Principles of thermodynamics, chemical equilibria, state functions, partial molar volumes, phase diagrams and electrochemistry. Lecture and laboratory.

CHEM 452. Physical Chemistry II/Quantum Mechanics 4 hours
Prerequisite: CHEM 451 or Phy 211 & 212.
Quantum mechanics, atomic and molecular structure, photochemistry, chemical kinetics, reaction mechanisms and statistical thermodynamics. The wave-particle duality of light and matter, quantum tunneling, Heisenberg uncertainty, spin, application of Schrodinger’s Equation, and wave functions. Lecture and laboratory.

CHEM (BIO/GEO/ENVS) 480: Special Topics in Natural Sciences 1-4 hours
Prerequisite: Permission of department
This course examines special topics in the natural sciences related to biology, chemistry, geology or environmental science, which are not part of the formal offerings of the department. May be repeated for credit only if the topic changes.

CHEM (BIO/GEO/ENVS) 493: Internship in Natural Sciences 1-3 hours
Prerequisites: Major in science, have necessary course work determined by faculty supervisor, and permission of department
This course allows students the opportunity to participate in applied job-related experience in the natural sciences: biology, chemistry, geology or environmental science. The course may be repeated for credit.

CHEM (BIO/ENVS/GEO/PHY) 495. Science Seminar 1 hour
Prerequisite: Senior standing in science major.
Application for graduation must be submitted when registering for this class.
4959 for majors participating in Science Honors program. Seminar presentation of thesis research.

CHEM (BIO/ENVS/GEO/PHY) 4959. Honors Science Seminar 1 hour
Prerequisite: Senior standing in science major; must be taken simultaneously with CHEM 499.
Seminar presentation of honors research project.

CHEM (BIO/ENVS/GEO/PHY) 498. Senior Research 1 hour
Prerequisite: BIO/CHEM 399 and senior standing.
4989 for majors participating in Science Honors program. Conduction of senior research under direction of Thesis Director.

CHEM (BIO/ENVS/GEO/PHY) 4989. Honors Senior Research 1 hour
Prerequisite: CHEM 399 and senior standing.
Conduction of honors research under the direction of the thesis director.

CHEM (BIO/ENVS/GEO/PHY) 499. Honors Thesis 1 hour
Prerequisite: BIO/CHEM 498.
(must be taken simultaneously with BIO/CHEM 4959.)
Writing and approval of thesis on research project conducted in BIO/CHEM 498. Thesis must be in the format of a scientific article and be approved by the Thesis Director and one additional reader from within the Natural Sciences.
CRIMINAL JUSTICE (CJ)

Criminal justice is the interdisciplinary study of the theory and practice of the police, courts and corrections institutions in the United States. The program of study includes the review and discussion of the structures, processes and relationships between the various segments of the criminal justice system. In addition, the study of criminal justice examines the legal system within a broad social, political and psychological framework and explores how that broad framework influences the actors and activities of all those involved with, or influenced by, the criminal justice system.

PROGRAM OF STUDY

Major: Criminal Justice

The major in criminal justice consists of 36 semester hours (12 courses).

All majors are required to take the following courses:

- CJ/PS 290. Introduction to Criminal Justice
- CJ/SOC 310. Research Methods and Analysis
- CJ/SOC 330. Policing
- CJ/SOC 331. Crime and Delinquency
- CJ/PS 370. Adjudication Process
- CJ 385. Punishment in the United States
- CJ/PS 415. Criminal Law and Procedure
- CJ 398. Internship (6 hours)

Students must select three courses (9 semester hours) from the following list:

- CJ 335. Criminal Investigation
- CJ 380. Victimology
- CJ/PS 430. Homeland Security and Terrorism
- CJ 475. Selected Topics (related to criminal justice)
- SOC 410. Ethnic and Racial Minorities
- PSY 415. Abnormal Psychology

Minor: Criminal Justice

A minor in criminal justice consists of 15 semester hours (five courses) selected from the following:

- CJ/PS 290. Introduction to Criminal Justice
- CJ/SOC 330. Policing
- CJ/SOC 331. Crime and Delinquency
- CJ 335. Criminal Investigation
- CJ/PS 370. Adjudication Process
- CJ 380. Victimology
- CJ 385. Punishment in the United States
- CJ/PS 415. Criminal Law and Procedure
- CJ 475. Selected Topics (related to criminal justice)
NOTE: No course taken to meet the major or minor requirements may be counted for credit toward graduation in any other field or program. No course taken for the major or the minor may be used to meet general education requirements. A number of courses are cross-listed and are noted under course descriptions.

Career Options
The interdisciplinary nature of the criminal justice degree qualifies students for a wide range of occupations, including law enforcement, probation and parole, juvenile justice, counseling, and legal investigator. The criminal justice major also prepares students for graduate-level study and for law school.

Course Descriptions

CJ/PS 290. Introduction to Criminal Justice 3 hours
This course is an introduction to the operation and administration of the criminal justice system in the United States. The criminal justice system consists of three interrelated components: law enforcement, the judicial process, and corrections. This course will provide an overview of the structure and processes of the criminal justice system, including a brief examination of crime.

CJ 335: Criminal Investigation 3 hours
This course is designed to develop students’ knowledge and abilities to understand the investigative process by focusing on the theory and practice of crime investigation. The topics discussed include the following: evidence collection techniques, utilization of technology in preserving and analyzing evidence, principles of investigative technique, reporting procedures and requirements, and developing critical thinking and communication skills.

CJ 380: Victimology 3 hours
Victomology is the study of victims of crime. This course examines this important perspective in the criminal justice system, the process and consequences of victimization, the victims’ rights movement and other topics related to the victims of criminal behavior. Topics to be discussed include: the rights of victims, the victims’ rights movement in its socio-political context, types of crimes and victims and victim services.

CJ 385: Punishment in the United States 3 hours
This course is an in-depth examination of the purpose and theory of punishment as it is practiced in the correctional system of the United States. Topics to be discussed include: theories of punishment, forms of the criminal sanction, structure and process of the federal, state and local correctional systems, history and development of the correctional system, rights of the accused in regard to punishment, and criticisms and proposed reforms in the correctional system.

CJ/PS 370: Adjudication Processes 3 hours
This course is an in-depth examination of the structure and process of the judicial system in the United States, both at the federal and the state levels. Topics to be discussed include: roles and behavior of various actors within the judicial system, the process of civil and criminal law in the United States, and the relationship between law and politics and courts and society.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CJ/PS 430</td>
<td>Homeland Security and Terrorism</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course explores the issues of homeland security and terrorism. The origin, history, definition, and techniques of terrorism are discussed and critically evaluated. Past, current and future tactics for addressing terrorism and its root causes are discussed and evaluated. Finally, the critical balance of public security and personal safety is defined, discussed and debated.</td>
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</table>

| CJ/SOC 398  | Internship                                       | 3     |
|             | Application for graduation must be submitted when registering for this class. Note: Students majoring in Criminal Justice must have six hours. Course can be repeated as necessary. The internship is a supervised, 100-hour volunteer learning experience in an emergency management agency that links academic knowledge with practical experience. In addition to the volunteer work performed as an intern, the student may be assigned readings related to the internship. Graded on a Pass (P) or No Pass (NP) basis. |

| CJ 475      | Special Topics                                   | 3     |
|             | This course examines special topics related to criminal justice which are not part of the formal offerings within the Major. May be repeated for credit only if the topic changes. |

For a description of the other criminal justice courses, see course descriptions under political science, psychology, and sociology.
EARTH SCIENCE (ES)

Earth Science includes the study of the Earth, space, and oceans, and the interactions therein that make our planet a unique entity among the known planets as well as an incredibly hospitable planet. Courses offered in this area are for those interested in aspects of Earth Science outside of the courses offered through the various science majors available. These courses also serve to support those programs for individuals seeking degrees in middle school and secondary education.

Career Options
Careers in the earth sciences span the fields of industry, research and education. An educational foundation incorporating studies in the earth sciences is applicable to a variety of fields, including exploration and economic geology, groundwater and soil science, environmental science, and science education. Incorporating earth sciences into the undergraduate curriculum of various majors allows students to pursue graduate degrees in geology, physical geography, organic and inorganic chemistry, paleontology, science education, and environmental law.

Course Descriptions
ES 201. Physical and Historical Geology of Georgia 4 hours
Prerequisite: Any laboratory science sequence or equivalent.
Fundamentals of mineralogy, petrology, and plate tectonics as they relate to the Southeastern region of the United States; major geologic provinces of Georgia and their constituent economic rocks and minerals; paleogeology and tectonic history of Georgia and the Appalachian Mountains. Lecture and laboratory.

ES 202. Astronomy and Meteorology 4 hours
Prerequisite: Any laboratory science sequence or equivalent.
Various aspects of astronomy and meteorology. Formation of our solar system, the nature of gravity and light, the composition of the other planets in our solar system and the nature of stars, galaxies, and the universe. The study of atmospheric composition, cloud formation, atmospheric circulation, and the formation and movement of weather systems. Lecture and laboratory.
ENGLISH (ENG)

In English, students study literature, English language, and composition. Introductory courses teach skills for effective written communication, techniques of critical reading, methods of research, and characteristics of literature. Intermediate courses survey Western and non-Western literature and culture and continue instruction in composition and research. Advanced courses explore in greater detail the literature written in English, the language, and the teaching of writing.

Students anticipating a career teaching English in grades 6-12 may pursue either (a) the program beginning in the freshman year leading toward certification at the T-4 (bachelors) level, or (b) the Dual-Degree program leading toward certification at the T-5 (masters) level. (Refer to page 211 for information about Dual-Degree programs.)

PROGRAM OF STUDY

Major: English

All students majoring in English must take 33 hours (11 courses) in English beyond the general education requirements. Students must take at least one genre course (poetry, drama, the novel, or the short story), at least one period course (Renaissance, Restoration, Romantic, Victorian, or Twentieth Century), eight other English courses in the catalog, and Senior Seminar in English (499).

Students are advised to take both survey courses of American Literature (210 and 211) and British Literature (203 and 204), and it is recommended that they take Shakespeare (405) as part of the major.

Major: English Education, T-4 certification

Piedmont’s undergraduate secondary education program addresses the continuing shortage of highly qualified teachers in Georgia. Advisors, selected for both their teaching skill and experience in high school classrooms, model techniques proven to work in high school settings when teaching their college content courses. Designed to produce teachers who have more “hands-on” experience, the program enables candidates to observe and assist with teaching in 6-12th grade classrooms. Candidates also experience the impact that diversity has on schooling and consider the implications on teaching and learning. Candidates study and reflect upon the knowledge, skills, and dispositions (habits of mind) required for successful teachers—both in their college classes and during field work. Requiring a content major in the field of study, this program culminates in a full year Apprentice Teaching experience in area schools.

Students may enter the T-4 program up to the first semester of the junior year. After that the Dual-Degree program is the only option.

Professional Education Sequence

EDSE 102. Explorations in Secondary Education
EDSE 201. Explorations in Secondary Education
EDSE 202. Explorations in Secondary Education
EDSE 301.* Explorations in Secondary Education  
EDSE 302. Explorations in Secondary Education  

*Students admitted to the secondary education cohort during their general education program will enroll in the one (1) hour Explorations class. Transfer students and Piedmont students who declare a secondary education major at the start of their junior year will be required to enroll in Explorations for three (3) hours credit in order to introduce previously developed strands explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year will be advised to pursue the Dual-Degree Program. (Refer to the current catalog for details.)

**Content Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ENG 203 or 204</td>
<td>British Literature survey</td>
</tr>
<tr>
<td>ENG 210 or 211</td>
<td>United States Literature survey</td>
</tr>
<tr>
<td>ENG 211.</td>
<td>United States Literature (300-400 level)</td>
</tr>
<tr>
<td>ENG 331.</td>
<td>Becoming an English Teacher</td>
</tr>
<tr>
<td>ENG 350.</td>
<td>Survey of English Usage for Teachers</td>
</tr>
<tr>
<td>ENG 401.</td>
<td>Seminar in World Literature</td>
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<tr>
<td>ENG 405.</td>
<td>Shakespeare</td>
</tr>
<tr>
<td>ENG 429.</td>
<td>Multicultural American Literature</td>
</tr>
<tr>
<td>ENG 440.</td>
<td>Reading and Writing in the content Areas</td>
</tr>
</tbody>
</table>

**PROFESSIONAL YEAR: ALL requirements for admission to teacher education must be completed prior to starting the sequence below.**

**Block I**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EDSE 400</td>
<td>Facilitating Learning and Assessment I</td>
<td>3</td>
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<tr>
<td>EDSE 498</td>
<td>Apprentice Teaching I</td>
<td>3</td>
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<tr>
<td>PSY 311</td>
<td>Psychology of Adolescence (if not taken previously)</td>
<td>3</td>
</tr>
<tr>
<td>ENG</td>
<td>Elective (300 or above)</td>
<td>3</td>
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</table>

**Block II**

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<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>EDSE 401</td>
<td>Facilitating Learning and Assessment II</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 355</td>
<td>Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>EDSE 499</td>
<td>Apprentice Teaching II</td>
<td>6</td>
</tr>
</tbody>
</table>

Electives: *(0 hours required)*

**NOTICE: GACE II is required for certification**

**Dual-Degree: English for Secondary Education B.A./M.A.T., T-5 Certification**

**Undergraduate English Major including courses required for the Dual-Degree Track in English**

**Dual-Degree Program:** This program is designed specifically for those students interested in pursuing teaching at the 6-12 grade level. The program design is based on the guidelines established by the Georgia Professional Standards Commission for the certification of teachers at the secondary level. Refer to Dual-Degree Programs on Page 211.
EDSE 366. Foundations and Practicum in Secondary Education
ENG 210 or 211. United States Literature Survey
ENG 203 or 204. British Literature Survey
ENG 350. Survey of English Usage for Teachers
ENG 401. Seminar in World Literature
ENG 405. Shakespeare
ENG 440. Reading and Writing in the content Areas
ENG 450. Seminar in Composition Studies
ENG ELECTIVE 200-300-400 Level
ENG ELECTIVE 300-400 Level
ENG ELECTIVE 300-400 Level

Minor: English
A minor in English requires 12 hours (four courses) of English beyond the general education requirements.

Minor: Creative Writing
A minor in creative writing requires 15-24 hours in selected literature and creative writing courses, including 3-9 hours in English 400.

Career Options
While English majors and minors often pursue master’s degrees and doctoral studies in literary studies, poetics, and linguistics, English composition and literature also provide excellent preparation for many different careers, including law, secondary education, journalism, publishing, editorial work, business and economics, advertising and publications, creative writing, technical writing and librarianship. English minors are often sought for graduate programs in the sciences, including medicine.

Course Descriptions
ENG 101. Rhetoric and Composition 3 hours
In this writing-intensive course, students will learn to think critically, read contextually, and write persuasively by analyzing a variety of thematically linked texts. A grade of “C” is required to pass.

ENG 102. Literature and Composition 3 hours
Prerequisite: ENG 101 with a grade of “C” or better.
Building on skills developed in English 101, students will interpret and analyze thematically linked literary works and other texts. A grade of “C” is required to pass.

ENG 201. World Literature to the Renaissance 3 hours
Prerequisite: ENG 101 and 102 with a grade of “C” or better.
Analytical reading of major works from the ancient world through the Middle Ages, including Far Eastern literature.

ENG 202. World Literature from the Renaissance 3 hours
Prerequisite: ENG 101 and 102 with a grade of “C” or better.
Analytical reading of major works from the Renaissance through modern literature, including Far Eastern literature.
ENG 203. British Literature to 1790  
Prerequisite: ENG 101, 102 with a grade of “C” or better.  
British literature to the Romantic period.  

ENG 204. British Literature from 1790  
Prerequisite: ENG 101, 102 with a grade of “C” or better.  
British literature from the Romantic age to the present.  

ENG 210. United States Literature to 1865  
Prerequisite: ENG 101, 102 with a grade of “C” or better.  
American literature from the Colonial period to 1865.  

ENG 211. United States Literature from 1865  
Prerequisite: ENG 101, 102 with a grade of “C” or better.  
American literature from 1865 to the present.  

ENG 220. Ethnic American Literature  
Prerequisite: ENG 101 and 102 with a grade of “C” or better.  
A study of America’s ethnic voices including but not limited to African-American, Native-American, and Asian-American.  

ENG 221. Women Writers  
Prerequisite: ENG 101 and 102 with a grade of “C” or better.  
A study of American women writers and issues of the literary canon.  

ENG 225. Nature Writers  
Prerequisite: ENG 101 and 102 with a grade of “C” or better.  
In this course, students explore the natural environment through literature. Discussion and assignments will connect ideas from various academic disciplines in the arts and sciences.  

ENG 392/492. Creative Writing: Poetry  
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.  
Studies of the various techniques for writing poetry.  

ENG 393/493. Creative Writing: Non-Fiction  
Prerequisite: English 101, 102, and 200-level with a grade of “C” or better.  
Studies and practice in the various genres of creative non-fiction.  

ENG 394/494. Creative Writing: Fiction  
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.  
Study of the various techniques for writing fiction.  

ENG 307. Short Story  
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.  
evaluative reading and criticism of selected short stories.  

ENG 308. Novel  
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.  
evaluative reading and criticism of representative novels from the 18th century to the present.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENG 309</td>
<td>Poetry</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. Evaluative reading of poetry from all periods, including some in translation.</td>
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<tr>
<td>ENG 311</td>
<td>Drama</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. Evaluative reading and criticism of selected plays.</td>
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</tr>
<tr>
<td>ENG 312</td>
<td>Non-Fiction</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. A study of literary non-fiction including autobiography/memoir, diaries/journals, slave narratives, oral history, reform literature, and true crime.</td>
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<tr>
<td>ENG 330</td>
<td>Advanced Grammar</td>
<td>3</td>
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<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. Comprehensive study of English grammar with emphasis on sentence analysis.</td>
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<tr>
<td>ENG 331</td>
<td>Becoming an English Teacher</td>
<td>3</td>
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<td>Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better. (EDUC 366 on the undergraduate level, or EDUC 740, or a course with adequate field experience on the graduate level.) Study of history, standards, and current trends of the profession, as well as strategies for teaching English.</td>
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<tr>
<td>ENG 350</td>
<td>Survey of English Usage for Teachers</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better. Survey of rhetoric, grammar, and the historical development of English for use in the classroom.</td>
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<tr>
<td>ENG 400</td>
<td>Creative Writing and Publishing Workshop</td>
<td>3</td>
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<td>Prerequisite: one creative writing course or permission of instructor The study of editing and publishing for small press journals. Students will work on <em>Trillium</em>, the student literary journal.</td>
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</tr>
<tr>
<td>ENG 401</td>
<td>Seminar in World Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: ENG 101, 102, and 200-level with a grade of “C” or better An interdisciplinary approach to the world literature in translation with emphasis on fine arts.</td>
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<tr>
<td>ENG 402</td>
<td>Medieval Literature</td>
<td>3</td>
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<tr>
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<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. Survey of British prose, poetry, and drama from the eighth to the fourteenth century.</td>
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<td>ENG 403</td>
<td>British Renaissance</td>
<td>3</td>
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<td></td>
<td>Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better. Survey of major British authors of the sixteenth and seventeenth centuries; emphasis on Spenser and Milton.</td>
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<tr>
<td>ENG 405</td>
<td>Shakespeare</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better. Survey of Shakespeare’s major works.</td>
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</tr>
</tbody>
</table>
ENG 408. Restoration and Eighteenth-Century Literature
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of major British authors of the late seventeenth and eighteenth centuries.

ENG 415. British Romanticism
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of English Romantic literature.

ENG 421. Victorian Literature
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of English Victorian literature.

ENG 426. Twentieth-Century British Literature
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of major twentieth-century authors of Great Britain and Ireland, including ethnic literature.

ENG 427. American Romanticism
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.
Survey of the major nineteenth-century American literature.

ENG 428. Twentieth-Century American Literature
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of major twentieth-century authors of the United States.

ENG 429. Multicultural American Literature
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.
Survey of non-canonical texts in American literature with a focus on pedagogical strategies.

ENG 430. Literature of the American South
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of Southern American literature from the Colonial period to the present.

ENG 431. History of the English Language
Prerequisite: ENG 101, 102, and 200-level with a grade of “C” or better.
Survey of the historical development of the English language.

ENG 440. Reading and Writing in the Content Areas
Strategies, cultural issues, reflective practice, motivation, scaffolding, standards, and assessment at the secondary level.

ENG 450. Seminar in Composition Studies
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.
Instruction in the history of composition studies and the teaching of writing at the secondary and post-secondary levels.

ENG 456 (EDSE 356). Reading Improvement at the Secondary Level
Prerequisite: ENG 101, 102 and 200-level with a grade of “C” or better.
A survey of materials, methods, developmental and remediation programs, and library research at the secondary level.
ENG 490. Special Topics 3 hours
Topics may vary. Check the schedule for the current offering. Students may earn up to six hours of credit toward the English major by taking ENG 490.

ENG 499. Senior Seminar in English 3 hours
Prerequisite: 21 hours of English or permission of instructor; English and English Education Majors should enroll during the spring semester of the senior year or before student teaching.
Application for graduation must be submitted when registering for this class.
As a capstone experience, students will write and present a major research project that conforms to standards in the field.
ENVIRONMENTAL GEOLOGY (GEO)
Geology is the study of complex earth systems, including surface and subsurface processes leading to the formation and destruction of Earth’s natural resources. Environmental Geology is much more than identifying rocks, minerals, and defining terms as they relate to Earth’s processes. It also includes trying to understand the past record of climate change, the risks posed by an array of natural hazards such as earthquakes and volcanic eruptions, and the interplay between biologic and geologic forces, among many other endeavors. This program concentrates on the formation, extraction, and use of our natural resources and the consequences of said actions. Geology naturally lends itself to interdisciplinary studies in areas of common interest with Biology, Chemistry and Physics, Oceanography, Climatology and many other disciplines.

PROGRAM OF STUDY
Minor: Environmental Geology
Prerequisites:
GEO 101. Physical Geology
BIO/CHEM 207. Environmental Science

Required courses:
GEO 210. Environmental Geology
GEO 305. Current Topics Environmental Geology
GEO 310. Hydrology

Course options—Choose two:
- BIO 305. Current Topics in Environmental Biology
- BIO 470. Ecology
- CHEM 305. Current Topics in Environmental Chemistry
- GEO 430. Environmental Chemistry
- CHEM 322. Instrumental Analysis
- ENVS 470. Current Topics in Environmental Science

Course options—Choose one:
- ENG 225. Nature Writers
- ECON 305. Environmental Resource Management
- REL/PHIL 325. Environmental Ethics
- PS 405. Global Issues
- PSY 430. Environmental Psychology

Career Options
Geology job titles might include, but are not limited to geohydrologist, engineering geologist, environmental geologist, geochemist, structural geologist, sedimentologist, petrologist, petroleum geologist, exploration geologist, professor, or research geologist. Employment is found in a wide array of public and private sectors and involves natural hazard assessment, environmental remediation, resource exploration and development, education, and public policy development. Working conditions vary greatly, but often include a diverse mix of travel, fieldwork, lab work, computer modeling, office work, and report writing. In
addition, a degree in geology provides students with a broad suite of skills that allow for migration into other endeavors such as environmental law, computer modeling, science journalism, and more.

**Course Descriptions**

**GEO 101. Physical Geology**  
4 hours  
Fundamentals of physical geology: characteristics and origins of rocks and minerals; mechanisms and processes of volcanism, plutonism, metamorphism, weathering, erosion, sedimentation, and lithification; evolution of landforms; continental drift, sea-floor spreading, plate tectonics, and the internal structure of the Earth. Lecture and laboratory.

**GEO 102. Historical Geology**  
4 hours  
Prerequisite: GEO 101  
Geologic time, the geologic record, and methods used to interpret Earth’s history. Formation and evolution of Earth and Earth’s atmosphere; evolution and distribution of plant and animal life on Earth, and prehistoric man. Lecture and laboratory.

**GEO 210. Environmental Geology**  
3 hours  
Concentrates on the near-surface stratigraphy and sedimentation interpretative techniques as related to unconsolidated and bedrock hydrogeologic systems; understanding contaminant sources and basic contaminant hydrogeology, including software application; discussion of techniques/tools for environmental geology consulting; and exposure to processes responsible or geologic hazards and mitigating geohazards; human interaction with the geological environment; and evaluation of natural resource extraction and use.

**GEO 305. Current Topics in Environmental Geology**  
2 hours  
Prerequisites: GEO 101, CHEM 101, CHEM 102  
This is a seminar course designed to inform and engage students about current issues in Environmental Geology. Students will critically review current research in the area of Environmental Geology through readings, discussions, analyses, and presentations. Lecture only.

**GEO 310. Hydrology**  
3 hours  
Prerequisites: GEO 101, GEO 300 or BIO 207, MATH 211 preferred  
Water is an important part of the earth’s geologic system. From an academic standpoint it is meaningful for students of geology to fill out their knowledge of the earth with this integral component; and with respect to ground and surface water, none are better prepared to understand its behavior than geologists. But even the more, from the standpoint of human need, water is a critical natural resource, and it is not unlimited in abundance or invulnerable to contamination. A major part of the drinkable water of the earth (and water for other important uses) resides in the ground. An understanding, both in a general sense and in a quantitative sense, of the residence and movement of water is vital to maintaining quality of life for humanity. For this reason, this course is not only recommended for geology majors, but for any student whose discipline involves protection or management of or interest in the natural environment.

**GEO (BIO/CHEM/ENVS/PHY) 399. Philosophy and Methodology of Science**  
3 hours  
Prerequisite: At least one course in a 300/400 level science.  
Overview of the history and philosophy of science; introduction to scientific research methods including concepts of statistical analyses, testing alternative hypotheses, and experimental design. Requires development of prospectus for Senior Research (BIO/CHEM 498) in consultation with thesis director. Lecture only.
GEO (BIO/CHEM/ENVS) 480: Special Topics in Natural Sciences 1-4 hours
Prerequisite: Permission of department chair.
This course examines special topics in the natural sciences related to biology, chemistry, geology or environmental science, which are not part of the formal offerings of the department. May be repeated for credit only if the topic changes.

GEO (BIO/CHEM/ENVS) 493: Internship in Natural Sciences 1-3 hours
Prerequisites: Major in science, have necessary course work determined by faculty supervisor, and permission of department chair.
This course allows students the opportunity to participate in applied job-related experience in the natural sciences: biology, chemistry, geology or environmental science. The course may be repeated for credit.

GEO (BIO/CHEM/ENVS/PHY) 495. Science Seminar 1 hour
Prerequisite: Senior standing in science major.
Application for graduation must be submitted when registering for this class. 4959 for majors participating in Science Honors program. Presentation of thesis research.

GEO (BIO/CHEM/ENVS/PHY) 4959. Honors Science Seminar 1 hour
Prerequisite: Senior standing in science major; must be taken simultaneously with GEO 499.
Seminar presentation of honors research project.

GEO (BIO/CHEM/ENVS/PHY) 498. Senior Research 1 hour
Prerequisite: GEO 399 and senior standing.
4989 for majors participating in Science Honors program. Conduction of senior research under direction of Thesis Director.

GEO (BIO/CHEM/ENVS/PHY) 4989. Honors Senior Research 1 hour
Prerequisite: GEO 399 and senior standing.
Conduction of honors research under the direction of the thesis director.

GEO (BIO/CHEM/ENVS/PHY) 499. Honors Thesis 1 hour
Prerequisite: GEO 498.
(must be taken simultaneously with GEO 4959.)
Writing and approval of thesis on research project conducted in BIO/CHEM 498. Thesis must be in the format of a scientific article and be approved by the Thesis Director and one additional reader from within the natural sciences.
ENVIRONMENTAL SCIENCE (ENVS)

Environmental science is the study of the natural environment and how humans use natural resources. A scientific understanding of the interaction between humans and the environment is crucial to issues of resource use including resource management, environmental pollution, finding solutions to environmental problems. Environmental science is interdisciplinary by nature and involves expertise in the sciences (biology, chemistry, toxicology, and related scientific fields) as well as ethics, economics, and other social science disciplines. Because of the growth of human populations worldwide and an increasing global awareness of the importance of the environment, this is one of the most rapidly growing academic fields. Similarly, career opportunities in the environmental field and opportunities for graduate studies are becoming increasingly abundant. This major is specifically designed to prepare students for these opportunities.

PROGRAM OF STUDY

Major: Environmental Science

The major in environmental science is designed for students interested in studying resource use, environmental problems, and solutions to these problems from a scientific perspective. This major may serve as training for graduate school or a job as an environmental scientist. Science, including environmental science, is centered on application, not merely the learning of a body of facts. Therefore, an important option for science majors at Piedmont College is the senior thesis. The thesis enables students to use the scientific method to investigate topics of interest through the conduct of original research. This, in turn, prepares them to succeed in graduate school while ensuring that they receive an education that is comparable with the finest institutions in the country.

The major in environmental science requires 43 hours comprised of the following courses:

- ENVS 399. History and Methodology of Science
- ENVS 495. Senior Seminar
- ENVS 498/4989. Senior/Honors Research (Optional)
- ENVS 499. Honors Thesis (Optional)

Choose 2:

- CHEM 305. Current Topics in Environmental Chemistry
- GEO 305. Current Topics in Environmental Geology
- BIO 305. Current Topics in Environmental Biology

Geology

- GEO 101. Physical Geology
- GEO 310. Hydrology

Geographical Information Systems

- GIS 200. Introduction to Geographical Information Systems
- GIS 300. Applications in Geographical Information Systems

Biology

- BIO 320. Microbiology
- BIO 470. Ecology
Chemistry
CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
CHEM 322. Instrumental Analysis
CHEM 351. Organic Chemistry I

Physics
PHY 211. Physics I
PHY 212. Physics II

Humanities/Business
PHIL/REL/ENST 325 Environmental Ethics
ECON 221. Macroeconomics
or ECON/ENST 305 Environmental Economics

TOTAL HOURS: 109-111

Up to 6 additional hours for ENVS 493-Internship (Optional)

Minor: Environmental Science
A minor in environmental science requires four courses (13-15 hours) per the following:
BIO/CHEM 207. Environmental Science
BIO 305. Current Topics in Environmental Biology

Choose two:
ENVS 365. Comparative Physiology
BIO 470. Ecology
CHEM 305. Current Topics in Environmental Chemistry
or GEO 305. Current Topics in Environmental Geology
GEO 210. Environmental Geology
GEO 310. Hydrology
CHEM 322. Instrumental Analysis

Honors Program in Environmental Science
The Honors Program in environmental science allows academically qualified students to delve deeper into the scientific experience and to better prepare for post-graduate education by conducting independent research. To that end, students who are in the Honors Program are required to take ENVS 4989 (Honors Senior Research) and ENVS 499 (Honors Thesis) in addition to their major requirements. Honors students also take ENVS 4959 (Honors Science Seminar Honors) instead of ENVS 495 (Science Seminar). Students having a GPA of 3.0 or better may apply for entry into the Honors Program during their junior year. Those with a GPA of 3.5 or better are guaranteed acceptance. Students in the Honors Program receive scholarship money as well as recognition upon graduation that they graduated with Honors in Science.
Career Options
Careers in environmental science are available to teachers, researchers, laboratory personnel, government employees, health care professionals, industrial technologists, and scientific writers and illustrators. Others may use an undergraduate degree in environmental science as a foundation for professional training in disciplines such as medicine and environmental law.

Course Descriptions
ENVS (BIO/CHEM) 207. Environmental Science 3 hours
Prerequisite: MCOM 100.
Introduction to the study of man’s interaction with the environment. Problems of energy and resource utilization and waste disposal resulting in air, water and land pollution. Lecture only.

ENVS (BIO) 365. Comparative Physiology 4 hours
Prerequisite: BIO 102; CHEM 102 recommended.
Study of the major physiological processes in animals and how these processes are affected by different environments. Lecture and laboratory.

ENVS (BIO/CHEM/GEO/PHY) 399. Philosophy and Methodology of Science 3 hours
Prerequisite: One course in a 300/400 level science.
Overview of the history and philosophy of science; introduction to scientific research methods including concepts of statistical analyses, testing alternative hypotheses, and experimental design. Requires development of prospectus for senior research (BIO/CHEM/ENVS/GEO 498) in consultation with thesis director. Lecture only.

ENVS (BIO/CHEM/ENVS) 480: Special Topics in Natural Sciences 1-4 hours
Prerequisite: Permission of department chair.
This course examines special topics in the natural sciences related to biology, chemistry, geology or environmental science, which are not part of the formal offerings of the department. May be repeated for credit only if the topic changes.

ENVS (BIO/CHEM/GEO) 493: Internship in Natural Sciences 1-3 hours
Prerequisites: Major in science, have necessary course work determined by faculty supervisor, and permission of department
This course allows students the opportunity to participate in applied job-related experience in the natural sciences: biology, chemistry, geology or environmental science. The course may be repeated for credit.

ENVS (BIO/CHEM/GEO/PHY) 495. Science Seminar 1 hour
Prerequisite: Senior standing in science major.
Application for graduation must be submitted when registering for this class.
Seminar presentation of a senior research project.

ENVS (BIO/CHEM/GEO/PHY) 4959. Honors Science Seminar 1 hour
Prerequisite: Senior standing in science major; must be taken simultaneously with ENVS 499.
Seminar presentation of honors research project.
ENVS (BIO/CHEM/GEO/PHY) 498. Senior Research 1 hour
Prerequisite: ENVS 399 and senior standing.
Conduction of senior research under the direction of a research director.

ENVS (BIO/CHEM/GEO/PHY) 4989. Honors Senior Research 1 hour
Prerequisite: ENVS 399 and senior standing.
Conduction of honors research under the direction of the thesis director.

ENVS (BIO/CHEM/GEO/PHY) 499. Honors Thesis 1 hour
Prerequisite: ENVS 4989; must be taken simultaneously with ENVS 4959.
Writing and approval of a thesis on a research project conducted in ENVS 4989. Thesis must be in the format of a scientific article and be approved by the thesis director and one additional reader from within the natural sciences.
GEOGRAPHICAL INFORMATION SYSTEMS (GIS)

Geographical Information Systems (GIS) is a method of layering, storing and analyzing geographically referenced data. It is commonly used to generate multi-layered maps and is widely applied to land use planning. The federal government, the State of Georgia, Habersham County, Stephens County and White County all use GIS in their mapping and planning, and it can be an important gateway to future employment in the field of environmental consulting. For these reasons it has become an essential component of many environmental science curriculums.

Course Descriptions
GIS 200. Introduction to Geographical Information Systems 3 hours
Prerequisite: None
The course will introduce students to basic concepts and techniques of Geographical Information Systems, covering data acquisition, spatial queries, basic spatial analysis, and cartographic design. Lecture only.

GIS 300. Geographical Information Systems Applications 3 hours
Prerequisite: GIS 200
An advanced GIS course that builds on skills developed in GIS 200. Students will learn about a broad spectrum of GIS applications and will receive oversight in the development of their own mapping project. Lecture only.
FACULTY
Professor Emeritus Bradford

FRENCH STUDIES (FRE)

Learning a language other than one’s own is an opening on the world, on the beliefs and practices expressed in that second language. As our Earth shrinks to a global village, knowledge of foreign languages becomes increasingly valuable. Translation can never adequately substitute for direct communication in another language.

The best reason for language study is that the mental habits it teaches give a heightened awareness of the linguistic bias of one’s own thinking and of the power and limitations of language itself.

French influence—cultural, scientific, technological, economic and political—is felt in many parts of the world. French is spoken not only in Europe but in North and South America, the Caribbean, the South Pacific and Indian Ocean areas and Africa. A great wealth of human experience is uniquely portrayed in the literary and artistic works of France. The study of French history is essential to an understanding of Western civilization.

Students entering Piedmont with substantial language ability and/or established placement from another institution may complete only the 102-level course to fulfill the foreign language general education requirement. Additionally, if a student’s first foreign language course is a 200-level or higher, the 101-102 requirement is considered satisfied. In this case students are allowed to take other courses to meet their eight-hour requirement.

PROGRAM OF STUDY

Minor: French Studies
A minor in French studies consists of 12 hours (four courses) beyond FRE 102.

Career Options
Students who concentrate in a foreign language find this area a valuable preparation for several careers. Some of the leading opportunities are found in teaching, government service, international commerce, translation and oral interpretation. Students majoring in other disciplines, especially those related to areas of human service, recognize that foreign language competency often opens opportunities and strengthens employment possibilities.

Course Descriptions
FRE 101. Elementary French I 3 hours
Prerequisites: Students having completed two semesters of French study at the secondary level must consult with the Humanities Department to determine their best placement in Elementary French. No student having completed three or more semesters of high school French may enroll for academic credit in French 101; he or she may, however, audit the course for purposes of review. Essentials of French, with special emphasis on oral-aural training in the language. Practice in pronunciation, simple conversation and diction. (Open only to students without equivalent credit in French.) Includes laboratory.
FRE 102. Elementary French II  
Prerequisite: FRE 101, its equivalent, or permission of the instructor.  
Continuation of FRE 101. Readings from selected texts, with special attention to grammar, idioms, verbs and simple composition. Includes laboratory.  

FRE 200. The French Experience  
Prerequisites: FRE 101-102 or its equivalent or permission of instructor.  
Instruction given in English but some reading knowledge of French is desirable.  
An overview of the contributions of the French-speaking world to the disciplines of the fine arts, especially literature, film and music; possibly architecture, painting and sculpture as determined by interest.  

FRE 201. Intermediate French I  
Prerequisite: FRE 102 or equivalent entrance credit.  
A course designed to help the students express themselves with ease in oral and written French. Concentration on reading of standard texts with emphasis placed on grammar review, composition and basic conversation in French.  

FRE 202. Intermediate French II  
Prerequisite: FRE 201 or permission of instructor.  
A continuation of FRE 201.  

FRE 300. Special Topics/Projects  
No formal prerequisite, but reading skill in French is desirable.  
Addresses concerns which relate French culture and language to a variety of disciplines especially the fine arts, depending upon circumstance, academic need and appropriateness. For example, diction lessons for students of voice, surveys of French dramatic literature, travel/study in French setting. This course may be repeated twice for academic credit, if content area is different.  

FRE 360. Introductory International Business: Language and Culture  
This language and culture course will prepare business and language majors for successful communication in the international business world by building upon their existing knowledge and emphasizing practical, real-life use of oral and written foreign language. This course will introduce the student to essential business terminology and language situations in common business contexts, reinforcing strategies for understanding, interpreting, and responding to new information. This course will also help the student to be alert to the importance of cultural awareness in doing business in foreign countries or with foreigners/nationals in the United States.
GErman (GER)

Learning a language other than one’s own is an opening on the world, on the beliefs and practices expressed in that second language. As our Earth shrinks to a global village, knowledge of foreign languages becomes increasingly valuable. Translation can never adequately substitute for direct communication in another language.

The best reason for language study is that the mental habits it teaches give a heightened awareness of the linguistic bias of one’s own thinking and of the power and limitations of language itself.

America has numerous ties, social and cultural, with German-speaking nations: Germany, Austria and Switzerland. A knowledge of German is invaluable for the study of European culture in philosophy, literature and the fine arts. It is also practical for all those engaged in international commerce, scientific research and technology.

Students entering Piedmont with substantial language ability and/or established placement from another institution may complete only the 102-level course to fulfill the foreign language general education requirement. Additionally, if a student’s first foreign language course is a 200-level or higher, the 101-102 requirement is considered satisfied. In this case students are allowed to take other courses to meet their eight-hour requirement.

Career Options

Students who concentrate in a foreign language find this area a valuable preparation for several careers. Some of the leading opportunities are found in teaching, government service, international commerce, translation and oral interpretation. Students majoring in other disciplines, especially those related to areas of human service, recognize that foreign language competency often opens opportunities and strengthens employment possibilities.

Course Descriptions

GER 101. Elementary German I 3 hours
Essentials of German, with special emphasis upon oral-aural training in the language. Practice in pronunciation, simple conversation and diction. (Open only to students without equivalent credit in German.) Includes laboratory.

GER 102. Elementary German II 3 hours
Prerequisite: GER 101 or equivalent entrance credit.
Continuation of GER 101. Reading from selected texts, with special attention to grammar, idioms, verbs and simple composition. Includes laboratory.

GER 201. Intermediate German I 3 hours
Prerequisite: GER 102 or equivalent entrance credit.
A course designed to help students express themselves with ease in oral and written German. Concentration on reading of standard texts. Includes laboratory.

GER 202. Intermediate German II 3 hours
Prerequisite: GER 201 or permission of instructor.
A continuation of GER 201.
GER 360. Introductory International Business: Language and Culture  3 hours
This language and culture course will prepare business and language majors for successful communication in the international business world by building upon their existing knowledge and emphasizing practical, real-life use of oral and written foreign language. This course will introduce the student to essential business terminology and language situations in common business contexts, reinforcing strategies for understanding, interpreting, and responding to new information. This course will also help the student to be alert to the importance of cultural awareness in doing business in foreign countries or with foreigners /nationals in the United States.
GRAPHIC DESIGN

For information about the Bachelor of Fine Arts degree in graphic design offered at the Demorest campus, see Page 74.

For information about the Bachelor of Arts degree in graphic design offered at the Athens campus, see Page 76.

For information about the minor in graphic arts offered at both the Demorest and Athens campuses, see Page 77.
HISTORY (HIST)

The study of history leads to the understanding and appreciation of the heritages of humans. Since the time when human beings invented writing, they have left records of their understanding of the world and the events in their lives and how they felt about them. We can use what we learn about the experiences of people who lived before us to help understand, if not solve, problems we face today. Though the modern world is quite different from the societies in which our ancestors lived, the knowledge of their accomplishments and failures is an important standard by which we can measure the quality of our own lives and the success of our social arrangements.

At least part of the answer to any question about the contemporary world can come from studying the circumstances that preceded it. The problem is to find those past events, forces, arrangements, ideas, or facts that had the greatest influence on the present subject being studied. The more we understand about these past influences, the more we know about the present subject to which they are related. In a world that is changing at an unprecedented pace, accompanied by increasing complexity and interdependence, such knowledge offers a major tool in combating the error of total present-mindedness that obscures the true nature of the question being studied. Viewed in this manner, history is an essential tool to fully comprehend and appreciate today’s world.

The history faculty has certain major objectives it strives to accomplish through its curriculum. First, and of paramount importance, is the student’s acquisition of historical knowledge. The number and content of courses offered, coupled with the flexible structure of history major and minor requirements, enable students to pursue a wide range of topics. Second, history students are exposed to an enormous amount of material which they learn to organize into meaningful categories of information. Third, students of history must be able to communicate effectively in both oral and written forms. Finally, the constant improvement of student reading ability is also of major importance. Text assignments, critiques of journal articles, research for term papers and book reviews permit students to use and strengthen these essential skills.

PROGRAM OF STUDY
Major: History
The major consists of 27 hours (nine courses) of course work to include:

HIST 212. History of the U.S. Since 1912
PS 220. American Government
HIST 480. Historiography

and six additional upper division (300-400 level) courses in history. The selection of these six upper division courses by the student is done in consultation with his or her academic advisor. The student is free to choose which courses will be studied, for there is no established sequence of courses that must be taken.

NOTE: The History faculty requires that students take HIST 111, HIST 112, HIST 212, and PS 220, if not taken in the social sciences segment of the general education requirements.
Major: History Education

The history education major requires 68 hours, beyond the General Education requirements, comprised of the following courses (Course descriptions for Education classes begin on Page 212):

Piedmont’s undergraduate secondary education program addresses the continuing shortage of highly qualified teachers in Georgia. Advisors, selected for both their teaching skill and experience in high school classrooms, model techniques proven to work in high school settings when teaching their college content courses. Designed to produce teachers who have more “hands-on” experience, the program enables candidates to observe and assist with teaching in 6-12th grade classrooms. Candidates also experience the impact that diversity has on schooling and consider the implications on teaching and learning. Candidates study and reflect upon the knowledge, skills, and dispositions (habits of mind) required for successful teachers—both in their college classes and during field work. Requiring a content major in the field of study, this program culminates in a full year Apprentice Teaching experience in area schools.

Professional Education Sequence

EDSE 102. Explorations in Secondary Education
EDSE 201. Explorations in Secondary Education
EDSE 202. Explorations in Secondary Education
EDSE 301.* Explorations in Secondary Education
EDSE 302. Explorations in Secondary Education

Professional Year

EDSE 400. Facilitating Learning and Assessment I
EDSE 498. Apprentice Teaching I
PSY 311. Psychology of Adolescence
ENG 440. Reading and Writing in the Content Fields
EDSE 401. Facilitating Learning and Assessment II
EDUC 355. Exceptional Children
EDSE 499. Apprentice Teaching II

Content Courses

PS 315. Georgia Politics
PS 340. Political Ideologies
PS 350. Governmental Institutions
EDUC 333. Geography for Teachers
EDUC 306. Economics for Teachers
HIST 212. U.S. Since 1912
HIST 301. U.S. to 1836
HIST 302. U.S. 1836-1912
HIST 330. History of Georgia
HIST Electives**
HIST 480. Historiography

*Students admitted to the secondary education cohort during their general education program will enroll in the one (1) hour Explorations class. Transfer students and Piedmont students who declare a secondary education major at the start of their junior year will be required to enroll in Explorations for three (3) hours credit in order to introduce previously developed
strands explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year will be advised to pursue the Dual-Degree Program. (See Page 211 for details.)

**Electives must address state (GPS) and NCSS Standards pertaining to non-Western and non-European courses.

**Dual Degree**

Students anticipating a career teaching history in grades 6 - 12 may pursue either (a) the program beginning in the freshman year leading toward certification at the T-4 (bachelors) level (as previously described) or (b) the Dual-Degree program leading toward certification at the T-5 (masters) level.

Students may enter the T-4 program up to the first semester of the junior year. After that the Dual-Degree program is the only option.

The following courses should be included in a student’s program of study to adequately prepare them for teaching responsibilities and GACE II:

- **EDSE 366. Practicum & Foundations (Secondary Education)**
- **HIS 212. US since 1912**
- **HIS 301. US to 1836**
- **HIS 302. US: 1836-1912**
- **HIS 480. Historiography**
- **HIS XXX (300 level or above)**
- **HIS XXX (300 level or above)**
- **HIS XXX (300 level or above)**
- **HIS 111. World History to 1650**
- **HIS 112. World History since 1650**

*HIS 111 and HIS 112 are to be taken as General Education Requirement courses.

**At least one course must be in non-Western/non-European area.

NOTE Fast Track Admissions: Education Only

Students who meet the qualifications for Fast Track Admission in history are to refer to the Graduate Studies section of the Piedmont College Catalog.

**Minor: History**

A minor in history requires 15 hours (five courses) of upper division (300-400 level) course work. Selection of these courses is dictated only by the interest of the student.

**Career Options**

Typical occupations open to undergraduate history majors include such diverse fields as archival manager, genealogist, historical preservation specialist, museum curator, historic site interpreter or supervisor, consultant and/or researcher for government or private sector corporations, educational administration, and teacher of history/social studies at the secondary (6-12) level.

Many history majors enter the business world upon graduation and rise to positions of management responsibility. Recent graduates are currently executives in industrial, commercial, insurance and banking corporations. Graduate school or professional school education is another option.
Course Descriptions

HIST 111. World History to the Mid-17th Century 3 hours
A survey of the main currents of political, social, religious, and intellectual activity from the time of ancient Middle-Eastern civilization to the Age of Discovery.

HIST 112. World History Since the Mid-17th Century 3 hours
A survey of the main currents of political, social, religious, and intellectual activity from the Age of Discovery to the present.

HIST 212. History of the United States since 1912 3 hours
The political, social, economic and cultural development of the United States from 1912 to the present.

HIST 301. History of the United States to 1836 3 hours
The political, social, economic and cultural development of the United States from the Colonial period to the end of the Jacksonian era.

HIST 302. History of the United States, 1836-1912 3 hours
The political, social, economic and cultural development of the United States from 1836 to 1912.

HIST 305. History of Women in America 3 hours
Introduction to the history of American women, focusing on women’s experiences in family, economic, and public life. Others topics to be examined include the role of women in America’s westward expansion, religious revivals, urbanization, immigration and migration, and industrialization.

HIST 310. Twentieth Century Europe 3 hours
Europe’s economic, social, intellectual and political development since 1870.

HIST 320. History of England to 1714 3 hours
English institutional, intellectual and constitutional development from the Roman occupation through the reign of Queen Anne.

HIST 321. History of England Since 1714 3 hours
English institutional, intellectual and constitutional development from 1714 to the present.

HIST 326. History of African Civilizations 3 hours
The history of Africa from pre-colonial times to the 20th century; introduction to political economics of African people as well as to their social and cultural innovations.

HIST 330. History of Georgia 3 hours
Political, economic and social developments in Georgia; the relationship of these developments to those on the national level; a look at some of the outstanding personalities in Georgia’s history and the structure of the state government.

HIST 340. Latin America 3 hours
History of the nations of Latin America from the wars for independence to the present, with special emphasis on the growing importance of Latin America in world affairs.
HIST 341. Antebellum South  3 hours
History of the American South from the Federalist era to the election of 1860, with special emphasis on the institutions of the plantation and slavery.

HIST 350. Russia/Soviet Union/Commonwealth of Independent States  3 hours
History and culture of the peoples of Russia and the former U.S.S.R./Commonwealth of Independent States from the prehistorical period to the present.

HIST 360. American Colonial History  3 hours
History of what is now the continental United States during the Colonial and Revolutionary period, from 1492 to 1789.

HIST 370. American Social and Intellectual History  3 hours
American concepts, attitudes and ideas within their social framework, beginning with the European heritage and continuing to the present, with a particular focus on American philosophy, science, literature, religion and art.

HIST 380. The Rise of Modern China  3 hours
The history of China, 1600 to present. The course deals with the decline of the traditional Chinese system, imperialism, and the rise of a new China.

HIST 390. Modern Southeast Asia  3 hours
The modern transformation of Southeast Asia, focusing on the colonial encounter and its transformational impact on the Southeast Asians.

HIST 400. History of the Ancient World  3 hours
Cultural, intellectual and institutional development of the ancient world to the fall of the Roman Empire.

HIST 425. The Renaissance and Reformation  3 hours
Cultural, political, social and theological developments in Europe from about 1350 to 1650.

HIST 430. History of Spain  3 hours
History and culture of the people of Spain from prehistory to the present.

HIST 440. History of Modern Germany  3 hours
History and culture of Germany from 1858 to the present.

HIST 480. Historiography  3 hours
Application for graduation must be submitted when registering for this class. The writing of history, concentrating on the major historians and interpretations; philosophies of history and the relationship of history to other disciplines; directed research involving topic selection, source selection, and evaluation; and writing style and form. A formal research paper is a major component of this course. This is the capstone course for the history major and broad field social sciences major in secondary education.

HIST 490. Special Topics I  3 hours
An intensive study of a special topic not otherwise offered in the history curriculum. Topic, methodology, and instructor vary from semester to semester. Course content includes intensive reading, and/or research, and/or field experience. A student interested in this course MUST obtain written approval of the instructor and history coordinator prior to the semester in which it is taken.
HIST 491. Special Topics II 3 hours
Prerequisite: HIST 490.
This course may be a continuation of work done in HIST 490 or may focus on an entirely different subject. A student interested in this course MUST obtain written approval of the instructor and history coordinator prior to the semester in which it is taken.

NOTE: Undergraduate students may earn no more than three hours credit via HIST 490 and HIST 491 in their major or minor in history.

SOC/EDUC 306 Economics for Teachers 3 hours
A survey of approximately 100 basic concepts contained in the Georgia Performance Standards. Designed for middle and secondary teachers of history, geography, economics and other social sciences. Grade appropriate curriculum materials and planning for instruction are addressed.

SOC/EDUC 333. Geography for Teachers 3 hours
Survey the various areas of the world with emphasis on the cultural, economic, political, and social developments in relation to geographic conditions.
INTERDISCIPLINARY STUDIES (IDS)
The Interdisciplinary Studies Program at Piedmont College offers a B.A. and a B.S. in interdisciplinary studies; a B.A. in environmental studies; a B.A. in community journalism; minor in leadership, and a minor in women’s studies. Interdisciplinary studies also directs PC 101 (Orientation to College Life and Introduction to the Liberal Arts).

B.A. or B.S. in Interdisciplinary Studies
The B.A. and B.S. in interdisciplinary studies are the only majors that allow students to structure their own program of study by selecting thematically related courses from two departments across the curriculum. Those students interested in such a program and with at least a 2.5 GPA may apply, with the help of academic advisors from areas of interest for the IDS major. Ordinarily they will apply by the time they have completed 60 hours of course work, applying only up to three previously taken majors courses to the IDS major. Upon admission they will work with an academic advisor and the director of interdisciplinary studies to design their own interdisciplinary major.

While the program is housed in the School of Arts and Sciences, it is open to all Piedmont students who meet the admissions requirements. Programs across schools are encouraged.

PROGRAM OF STUDY
MAJOR: B.A. or B.S. in interdisciplinary studies (choice of B.A. or B.S. will be determined by the theme of the proposed program).

In addition to completing all general education requirements for the B.A. or B.S. degree and other graduation requirements of Piedmont College, students majoring in interdisciplinary studies must pass a total 45 credit hours, including the capstone course, IDS 499.

Career Options
A bachelor of arts or bachelor of science degree in interdisciplinary studies provides training in critical thought and writing. Because it demands independence and creativity, students with this major are attractive to employers in business, non-profit organizations, and many other careers where flexibility and problem-solving are required. Students preparing for professional or graduate school should work carefully with their academic advisor to ensure that all admissions requirements are met. IDS majors often stand out in admissions competitions as individuals with unusual and interesting backgrounds.

Course Descriptions
IDS 300. Cultural Creativity 3 hours
Examines the political, economic, spiritual, psychological, and cultural views of twentieth and twenty-first century Americans. Piedmont faculty as well as guest experts will teach the class.

IDS 305. Cultural Explorations 3 hours
This course will familiarize students with the educational, political, spiritual, psychological, and cultural aspects of host nations.
IDS 499. Interdisciplinary Capstone Course 1 hour
Application for graduation must be submitted when registering for this class. Synthesizes the various aspects of the major designed by the student. The student will reflect upon the material from the various disciplines and integrate the experiences with personal goals.

Community Journalism
The interdisciplinary program in community journalism and social sciences is a 36-hour major, of which six mass communication courses are required. Students will elect six additional courses from the social sciences that meet their interests and objectives.

The core required mass communication courses are:

- MCOM 210. Mass Communication Survey
- MCOM 220. Writing for Newspapers and Magazines
- MCOM 320. Writing for the Broadcast Media
- MCOM 370. Advertising and Communication
- MCOM 410. Mass Media Internship
- MCOM 400. Advanced Studies in Mass Media (capstone)

Students will elect six courses from the following:

- PS 315. Georgia Politics
- PS 320. Criminal Justice
- PS 405. Global Issues
- PS 450. Family Violence
- PSY 331. Organizational Behavior
- HIST 330. Georgia History
- SOC 210. Social Problems
- SOC 303. Social Psychology
- SOC/MCOM 340. Media, Technology, and Society
- SOC 355. Society, Politics, and the Cinema
- SOC 357. Sociology of Gender
- SOC 390. Deviant Behavior
- SOC 410. Ethnic and Racial Minorities

NOTE: See course descriptions in the appropriate sections of HIST, MCOM, PS, PSY and SOC.

Career Options
An interdisciplinary degree in this area will provide students an excellent background in journalism with special insights into community problems. They will have a unique perspective for the problems facing reporters in telling the story and outlining the challenges of local communities.

Environmental Studies
One of the most rapidly growing academic fields, environmental studies deals with the interaction of humans and the natural environment, both its problems and solutions. It is interdisciplinary by nature and involves expertise in the sciences as well as different perspectives from the humanities, social sciences, and economics.
The major in environmental studies requires 54 hours of course work to include the following courses.

BIO 470. Ecology (see prerequisites at Biology)
CHEM 101. General Chemistry I
CHEM 102. General Chemistry II
ENG 225. Nature Writers
ECON 305. Environmental Resource Management
PHIL/REL 325. Environmental Ethics
PS 405. Global Issues
PSY 430. Environmental Psychology
SOC/ANT 210. Social and Cultural Problems
ANT/SOC 375. Social and Cultural Change
SOC 410. Ethnic and Racial Minorities
SOC 420. Structured Social Inequality
ECON 220. Microeconomics
PSY 456. Negotiation and Conflict Management
SOC 398. Internship
SOC/PS 480. Senior Seminar

NOTE: See course descriptions in the appropriate sections of BIO, CHEM, ENG, SOC, ANT, BA, PSY, and ECON.

Career Options
A Bachelor of Arts degree in environmental studies provides classroom and field experience to prepare students for graduate school in environmental studies, law, business, or public administration, or to join a corporation or governmental agency with environmental concerns.

Women’s Studies
The Interdisciplinary Studies Program also offers a minor in women’s studies, which will heighten awareness of women’s lives, issues, accomplishments, and contributions within the context of courses in literature, psychology, art, history, sociology, and political science.

The minor in women’s studies requires a minimum of 15 hours selected from courses cross-listed as WS, one of which must be WS/SOC 290. Feminist Theories.

The remaining 12 hours are chosen from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS/SOC 304</td>
<td>Feminist Theories</td>
</tr>
<tr>
<td>WS/PSY 260</td>
<td>Psychology of Women</td>
</tr>
<tr>
<td>WS/ENG 221</td>
<td>Women Writers</td>
</tr>
<tr>
<td>WS/PSY/SOC 441</td>
<td>Internship</td>
</tr>
<tr>
<td>WS/HIS 305</td>
<td>History of Women</td>
</tr>
<tr>
<td>WS/ART 312</td>
<td>Women and Art</td>
</tr>
<tr>
<td>WS/SOC 357</td>
<td>Sociology of Gender</td>
</tr>
<tr>
<td>WS/SOC 450</td>
<td>Family Violence</td>
</tr>
</tbody>
</table>

*See course descriptions in the appropriate sections of ART, ENG, HIST, PS, PSY, and SOC.
Career Options
A women’s studies minor is useful for training in the professions: business, education, law, health sciences, social work, policy studies, or management. It also provides appropriate groundwork for graduate study in the social sciences and the humanities. On the personal level, course work in women’s studies enhances the human potential of both women and men by questioning and redefining societal values.

Minor: Leadership
This is an interdisciplinary minor in leadership (18 hours) that is designed to address basic leadership issues. The minor addresses leadership styles, goals, ethics, and dealing with controversy. Elective courses will address issues of technology for leaders in society, as well as the study of diversity issues related to religion, race, ethnicity, and gender.

Core Courses (12 hours):
PHIL 305. Ethics
BA/PSY/PS 455. Leadership (with Servant Leadership component)
BA/PSY/PS 456. Negotiation and Conflict Management
LA 401. Leadership Capstone (Jr./Sr. year course, taught in Spring)

Elective Courses (choose 6 hours):
REL 101. World Religions
SOC/ANT 410. Ethnic and Racial Minorities
SOC 357. Sociology of Gender
PSY/SOC 303. Social Psychology
PSY 260. Psychology of Women
MCOM/SOC 340. Media, Technology, and Society

Course Descriptions
LA 401. Leadership Capstone 3 hours
Students will evaluate their personal leadership goals, styles, and personal values. Opportunities will be provided during the course for students to participate in off-campus conferences that bring together servant-leaders. Requirements will include participation in a leadership position on campus or an intense service-learning project off campus, whether in industry or a service organization.

Liberal Arts/Orientation to College Life
The department also administers the PC 101 course, a course for entering students that provides orientation to college life as well as an introduction to the liberal arts.

Course Descriptions
PC 101. Intro to College Life and Liberal Arts Tradition 1 hour
This discussion-oriented course will provide students entering Piedmont College with fewer than 24 hours of transfer credit the opportunity to engage in discussions and activities that will promote their understanding of college life, the purpose and content of a Liberal Arts education, and an introduction to their intended major. Discussions of reading material will foster critical thinking and oral skills, while written assignments will promote the development of writing skills.
Learning a language other than one’s own is an opening on the world, on the beliefs and practices expressed in that second language. As our Earth shrinks to a global village, knowledge of foreign languages becomes increasingly valuable. Translation can never adequately substitute for direct communication in another language.

The best reason for language study is that the mental habits it teaches give a heightened awareness of the linguistic bias of one’s own thinking and of the power and limitations of language itself.

The Japanese language, in addition to its cultural/historical legacy, offers the student direct participation in the scientific, technological and economic changes of contemporary Japan.

Students entering Piedmont with substantial language ability and/or established placement from another institution may complete only the 102-level to fulfill the foreign language general education requirement. Additionally, if a student’s first foreign language course is a 200-level or higher, the 101-102 requirement is considered satisfied. In this case students are allowed to take other courses to meet their eight-hour requirement.

**Career Options**

Students who concentrate in a foreign language find this area a valuable preparation for several careers. Some of the leading opportunities are found in teaching, government service, international commerce, translation and oral interpretation. Students majoring in other disciplines, especially those related to areas of human service, recognize that foreign language competency often opens opportunities and strengthens employment possibilities.

**Course Descriptions**

**JAPN 101. Elementary Japanese I**
3 hours
Essentials of Japanese, with special emphasis upon oral-aural training in the language. Practice in pronunciation and simple conversation and writing. (Open only to students without equivalent credit in Japanese.)

**JAPN 102. Elementary Japanese II**
3 hours
Prerequisite: JAPN 101 or equivalent entrance credit.
Continuation of JAPN 101 with addition of learning kanji and simple composition.

**JAPN 201. Intermediate Japanese I**
3 hours
Prerequisite: JAPN 102 or equivalent entrance credit.
A course designed to help students express themselves with ease in oral and written Japanese.

**JAPN 202. Intermediate Japanese II**
3 hours
Prerequisite: JAPN 201 or permission of instructor.
A continuation of JAPN 201.

**JAPN 360. Introductory International Business: Language and Culture**
3 hours
This language and culture course will prepare business and language majors for successful communication in the international business world by building upon their existing knowledge and emphasizing practical, real-life use of oral and written foreign language. This course will introduce the student to essential business terminology and language situ-
ations in common business contexts, reinforcing strategies for understanding, interpreting, and responding to new information. This course will also help the student to be alert to the importance of cultural awareness in doing business in foreign countries or with foreigners/nationals in the United States.
FACULTY
Professor Moss
Associate Professors Simon, and Van Cantfort
Assistant Professor Arbitter

MASS COMMUNICATIONS (MCOM)
The rapidly evolving world of mass media affects our lives on a daily basis. New technologies are creating a global network of ideas, information and industries. The objectives of Piedmont College’s program of study in mass communications as offered by Piedmont College are: (1) to provide students with a basic understanding of television, radio and Internet broadcasting, advertising and promotion, communications networks, journalism, and the effects of media on society; (2) to provide students with the knowledge to work successfully in organizations utilizing mass media technologies and developing mass media content; and (3) to prepare students for graduate studies in mass communications.

PROGRAM OF STUDY
Major: Mass Communications
Individuals working in mass media-related organizations must understand the following: television, radio and Internet broadcasting, telecommunications networks; managing and writing for electronic and print media; visual communications, advertising and promotion; film studies; managing media organizations, and the ethical, sociological and legal effects of mass media on business and society. Therefore, students majoring in mass communications must successfully complete a 42-hour sequence (14 courses) in those academic areas. In addition, students must successfully complete a 12-hour sequence of general electives chosen in consultation with a faculty advisor in mass communications.

The specific required courses for the major are as follows:
MCOM 210. Mass Media Survey
MCOM 220. Writing for Newspapers & Magazines
MCOM 250. Television Production I
MCOM 260. Radio Production I
MCOM 320. Writing for Broadcast Media
MCOM/SOC 340. Media, Technology and Society
MCOM 370. Advertising and Communications
MCOM 380. Media Management
MCOM 400. Advanced Studies in Mass Media
MCOM 420. Telecommunications & Globalization
MCOM 430. Communications Law and Ethics

Electives: Select at least 9 hours from the following
MCOM 110. Practicum
MCOM 300. Mass Media Technology: Layout and Design
MCOM 301. Copyediting
MCOM 302. Magazine Workshop
MCOM 303. Electronic Media Sales and Programming
MCOM 304. Sportscasting
MCOM 305. Announcing for Radio and TV
MCOM 306. Editing and Graphics for TV and Film
MCOM 310. Web Applications for Mass Media
MCOM 330. Special Topics in Mass Media
MCOM 350. Television Production II
MCOM 355. Radio Production II
MCOM 390. Public Relations
MCOM 410. Mass Media Internship

* Practicum can be repeated with approval of a mass communications faculty advisor. The practicum requires 30 hours of documented work and a paper.

**Minor: Mass Communications**

Students majoring in other academic disciplines may elect to minor in mass communications. The minor consists of 18 semester hours. Students are required to take MCOM 210, 220, 250, 260 and 320. One course may be selected from MCOM 330, 340, 370, 380, 420 or 430.

**Career Options**

Two of the most popular majors across campuses in the United States are mass communications and business. Graduates in mass communications are highly sought after by employers who are striving to keep up with the demands of mass media and global communications networks. Virtually any organization or corporation can utilize individuals with skills in mass communications. Specific areas of application include: journalism; radio, television and multimedia; public relations; Internet applications; advertising and promotion; Web site management, sales and telecommunications. Piedmont College’s internship program in mass communications opens the door for students to easily migrate from academia to industry.

**Course Descriptions**

MCOM 100. Public Speaking
Prepares students for formal and informal speaking, including informative, persuasive, demonstration, visual aid and impromptu speeches, as well as exploring non-verbal, group dynamics and different styles of propaganda.

MCOM 110. Practicum
Provides academic credit to students who work in areas of responsibility in mass communications, for example, serving as an editor or reporter for the newspaper, managing and producing a regularly-scheduled radio program, working on the yearbook or magazine, reporting, producing or directing for TV Piedmont, or serving as a member of the Piedmont Debate Team. Students are required to work individually with the assigned professor, log a minimum of thirty hours work in the field, and submit an 8-10 page paper at the end of the semester.

MCOM 210. Mass Media Survey
Examines the structure, responsibilities, and influence of the mass media with an overview of the development and current status of global media systems, emerging technologies and the current status of converging media industries.

MCOM 220. Writing for Newspapers & Magazines
Prerequisite: ENG 101.
Writing for print and electronic media to include newspapers, magazines and journals.

MCOM 250. Television Production I
Methods of pre-production, production, and post-production for television. Includes active management of TV Piedmont.
MCOM 260. Radio Production I 3 hours
Introduction to audio production and announcing. Includes on-air experience on WRFP, the student-run radio station.

MCOM 300. Mass Media Technology: Layout and Design 3 hours
Prerequisite: MCOM 210
Description: This course focuses on technology applications in the following areas: database management, layout and design, project management, calendar and e-mail management and spreadsheet applications. Students will achieve a working knowledge of the following technology programs: Microsoft Project, Publisher, Word, Excel, Outlook, Access and Microsoft Office templates. Students will use their technology and communication skills to contribute to the development of a major project that demonstrates use of all the technologies covered in the class and includes mass media research.

MCOM 301. Copyediting 3 hours
Prerequisite: MCOM 210 and 220
Examines concepts of writing and copyediting and provides practical experience in copyediting with an emphasis on print and broadcast journalism.

MCOM 302. Magazine Workshop 3 hours
Prerequisite: MCOM 210
This course examines advanced writing concepts focusing on the magazine industry. Students will complete an individual, original, feature-length article which they will submit to a professional magazine for consideration for publication. They will also produce shorter feature articles for the Piedmont College newspaper and magazine.

MCOM 303. Electronic Media Sales and Programming 3 hours
Prerequisite: MCOM 210
This course will provide students the opportunity to develop a basic understanding of the workings of professional, electronic media programming decision-making along with a basic understanding of the broadcast sales function and how to best present a non-tangible product offering.

MCOM 304. Sportscasting 3 hours
Prerequisite: MCOM 210
This course will provide students an overview of the numerous tasks involved in producing a live, play-by-play, sports broadcast. This course will also introduce the student to the skills needed to produce a daily/weekly sports report.

MCOM 305. Announcing for Radio & TV 3 hours
Prerequisite: MCOM 210
This course will provide students an overview of the skills and techniques required to be a professional announcer for a radio or TV station. Oral communication techniques such as voice articulation and enunciation will be explored.

MCOM 306. Editing & Graphics for TV and Film 3 hours
Prerequisite: MCOM 210
Study of methodologies and techniques of video and film editing. Utilizes the latest digital editing software to produce programs to air on TV Piedmont.
MCOM 310. Web Applications for Mass Media 3 hours
Prerequisite: MCOM 210
In this course students develop Web sites utilizing Macromedia Dreamweaver and Flash software and learn best practices for Web site development in mass media.

MCOM 320. Writing for Broadcast Media 3 hours
Prerequisite: MCOM 210 and 220
Advanced writing for print and electronic media including television, radio and the Internet.

MCOM 330. Special Topics in Mass Media 3 hours
Prerequisite: MCOM 210
Selected topics in mass media include: Introduction to Film Studies, Film Production, Screenwriting, Documentary Films, Community Journalism, Advanced Public Speaking and Debate, Entertainment Programs for TV, Web Design, Writing Opinions and Editorials.

MCOM/SOC 340. Media, Society, and Technology 3 hours
Analysis of relationships among media, technology and society in relation to economic, political, professional, institutional and ethical dimensions within a global context.

MCOM 350. Television Production II 3 hours
Prerequisite: MCOM 250
Active management of the College television station including student-produced television programming (utilizing CNN Newsource), technical assistance, directing, anchoring and promotion.

MCOM 355. Radio Production II 3 hours
Prerequisite: MCOM 260
Active management of the College radio station including student-produced radio programming, technical assistance, announcing and promotion.

MCOM 370. Advertising and Communications 3 hours
Prerequisite: MCOM 210
Emphasis on understanding advertising concepts, organization, and practice including the economic and social effects of advertising and promotion.

MCOM 380. Media Management 3 hours
Prerequisites: MCOM 210
A study of the various departments within media organizations and how they integrate into an efficient business operation. This study includes an overview of the regulatory and technical landscapes that face today’s media managers.

MCOM 390. Public Relations 3 hours
Prerequisite: MCOM 210
Examines the methodologies for producing successful public relation campaigns for corporations, non-profits, community based organizations and political campaigns.

MCOM 400. Advanced Studies in Mass Media 3 hours
Prerequisite: Senior standing.
Application for graduation must be submitted when registering for this class.
This capstone seminar class is designed to synthesize and integrate the theories and skills of mass communications. Students are required to give both a written and oral presenta-
tion of their senior capstone project. This senior thesis project demonstrates the student’s abilities in the following areas: technology, public speaking, content knowledge, creativity and organization. Students must score 85 percent or better on the capstone thesis and presentation to pass the course. Capstone projects are evaluated by all members of the mass communications faculty.

MCOM 410. Mass Media Internship 3 hours
Prerequisite: MCOM 210 and Mass Communications faculty approval.
Supervised experience in mass media with organizations and companies in the field such as CNN and CBS affiliate, Channel 32.

MCOM 420. Telecommunications & Globalization 3 hours
Prerequisite: MCOM 210
Overview of traditional and emerging global telecommunications technologies, including understanding traditional and emerging networks and the cultural, economic and political impact of these technologies on a global basis.

MCOM 430. Communications Law and Ethics 3 hours
Prerequisite: MCOM 210
Provides an overview of current and emerging communications law and public policy as it relates to the purpose and operation of public and private institutions, freedom of speech and the media, privacy, equal access, copyright, public opinion, monopoly, anti-trust laws and media ethics.
FACULTY
Professors Heydari, Rogers
Associate Professor Hardy
Assistant Professors H. Menzel, Edge, and Shmidheiser

MATHEMATICS (MATH)
Mathematics is a method of reasoning used to test truths. Some scholars define mathematics as observation, experiment, discovery and conjecture. Mathematics is described as a science of order or a science of patterns and relationships. As a science of patterns, mathematics is a mode of inquiry that reveals fundamental truths about the order of our world. Mathematics is the language in which nature speaks. In today’s technological world it is also an apt language for industry, business and commerce.

From the beginning of the ancient cultures, the language of mathematics has been used in measurement, counting, and geometry. Arithmetic enabled trades and financial transactions.

In recent centuries, mathematics provided the intellectual and inferential framework for the growth of science and technology. At the end of the 20th century, with the support of computers and worldwide digital communication, business and industry depend increasingly on modern mathematical and statistical analysis. These are the foundation disciplines of the natural, social and behavioral sciences.

Learning mathematics is a creative and active process of communication. A person engaged in mathematics gathers, discovers, creates and expresses facts and ideas about the patterns in natural phenomena. Instruction emphasizes that to know mathematics is to be engaged in a quest to understand and communicate, not merely to calculate. Laboratory work and fieldwork are necessary for a full understanding of mathematics. We study mathematics by classifying, explaining and describing patterns in all their manifestations.

Students majoring or minoring in mathematics have the opportunity to develop:
• capabilities to communicate and understand the natural phenomena related to their physical or social environments,
• ability to interpret everyday life problems through mathematical or logical representations,
• knowledge of how to solve mathematical representations of real-world problems, and
• ability to draw inferences by reasoning and to check the results of their mathematical representations for accuracy and validity.

PROGRAM OF STUDY
Major: Mathematics
The major requires 41 hours (a minimum of 13 courses) in mathematics comprised of the following courses:

MATH 210. Elementary Statistics
MATH 212. Calculus II
MATH 213. Calculus III
MATH 300. Introduction to Differential Equations
MATH 315. Abstract Algebra
MATH 330. Linear Algebra

Seven additional courses numbered 200 or above must be taken in mathematics.

**Major: Mathematics Education**

Piedmont’s undergraduate secondary education program addresses the continuing shortage of highly qualified teachers in Georgia. Advisors, selected for both their teaching skill and experience in high school classrooms, model techniques proven to work in high school settings when teaching their college content courses. Designed to produce teachers who have more “hands-on” experience, the program enables candidates to observe and assist with teaching in 6-12th grade classrooms. Candidates also experience the impact that diversity has on schooling and consider the implications on teaching and learning. Candidates study and reflect upon the knowledge, skills, and dispositions (habits of mind) required for successful teachers—both in their college classes and during field work. Requiring a content major in the field of study, this program culminates in a full year Apprentice Teaching experience in area schools.

Students anticipating a career teaching mathematics in grades 6-12 may pursue either (a) the program beginning in the freshman year leading toward certification at the T-4 level, or (b) the Dual-Degree Program, leading to a master of arts in teaching (M.A.T.) secondary mathematics and recommendation for T-5 certification.

Students may enter the T-4 program up to the first semester of the junior year. After that, the Dual-Degree Program is the only option.

The mathematics education major requires 63 hours beyond the General Education requirements, comprised of the following courses (See descriptions for Education classes on Page 212):

**Professional Education Sequence**

EDSE 102. Explorations in Secondary Education
EDSE 201. Explorations in Secondary Education
EDSE 202. Explorations in Secondary Education
EDSE 301.* Explorations in Secondary Education
EDSE 302. Explorations in Secondary Education

*Students admitted to the secondary education cohort during their general education program will enroll in the one (1) hour Explorations class. Transfer students and Piedmont students who declare a secondary education major at the start of their junior year will be required to enroll in Explorations for three (3) hours credit in order to introduce previously developed strands explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year will be advised to pursue the Dual-Degree Program. (Refer to the current catalog for details.)*

**Professional Year**

EDSE 400. Facilitating Learning and Assessment I
EDSE 498. Apprentice Teaching I
PSY 311. Psychology of Adolescence
ENG 440. Reading and Writing in the Content Fields
EDSE 401. Facilitating Learning and Assessment II
EDUC 355. Exceptional Children
EDSE 499. Apprentice Teaching II

**Content Courses**

MATH 200. Discrete Mathematics
MATH 210. Elementary Statistics
MATH 212. Calculus II
MATH 213. Calculus III
MATH 330. Linear Algebra
MATH 410. Mathematical Modeling
MATH 420. Geometry
MATH 450. History and Development of Mathematics
MATH 315. Abstract Algebra or Math 340 Number Theory

**ALSO at least three of the following six courses**

MATH 110. Precalculus
MATH 300. Introduction to Differential Equations
MATH 305. Elementary Numerical Methods
MATH 310. Probability and Statistics
MATH 460. Real Analysis
MATH 470. Complex Analysis

*MATH 225 is strongly recommended as an elective to be taken by secondary education mathematics majors who plan to teach math in grades sixth, seventh, or eighth grades.*

**Dual-Degree: Mathematics for Secondary Education**

**B.S./M.A.T.**

To ensure the adequate preparation for mathematics majors choosing a career in secondary mathematics, the following courses must be taken either as a General Education Requirement for the Bachelor of Science or as part of the mathematics major. For the M.A.T. portion of the Dual-Degree, students are referred to the Graduate Section of this catalog.

MATH 200. Discrete Mathematics
MATH 210. Statistics
MATH 211. Calculus I
MATH 212. Calculus II
MATH 213. Calculus III
MATH 305. Numerical Methods
MATH 310. Probability and Statistics
MATH 315. Abstract Algebra
MATH 330. Linear Algebra
MATH 340. Number Theory
MATH 410. Mathematical Modeling
MATH 420. Geometry
MATH Elective above 200

Students are required to take EDSE 366 Practicum and Foundations in Secondary Education. MATH 110 and MATH 225 are strongly suggested as general electives not in the major.
Major: Mathematics and Technology Management
The mathematics and technology management major is a multidisciplinary program available through the School of Arts & Sciences and the School of Business Administration.

The general education requirements for the Bachelor of Science apply for this major, including MATH 211. Additionally, majors should take CIS 200 (in lieu of CIS 100) to fulfill General Education Requirement I.C. and must take 37 hours (12 courses) of course work comprised of the following:

- MATH 200. Discrete Mathematics
- MATH 210. Elementary Statistics
- MATH 212. Calculus II
- MATH 213. Calculus III
- CIS 301. Introduction to Computing Systems
- CIS/ART 313. Web Development with HTML & XML
- CIS 320. Database Management Systems
- CIS 401. Management Information Systems
- CIS 370. Project Management: Managing Project Activities, Teams and Resources

Choose three:

- MATH 300. Introduction to Differential Equations
- MATH 305. Elementary Numerical Methods
- MATH 315. Modern Applied Algebra
- MATH 330. Linear Algebra
- MATH 410. Mathematical Modeling

Minor: Mathematics
A minor in mathematics requires a minimum of 18 hours (minimum of 5 courses) of course work to include:

- MATH 211. Calculus I
- MATH 212. Calculus II
- MATH 213. Calculus III
- MATH Elective (numbered 200 or above)
- MATH Elective (numbered 200 or above)

Career Options
Some of the careers or areas of focus in graduate programs open to those who study mathematics are as follows:

- Applied mathematics: Some concentrations are analysis, physics, geophysics, fluid dynamics, probability theory, mathematical biology, parallel computing, numerical analysis and robotics.

- Actuary: Actuaries deal in mathematical probabilities, design insurance and pension programs, analyze and solve complex business and social problems. They can work for consulting firms, state and local governments and academic institutions.

- Computer-oriented positions: These include database management, systems analysis, and system design.
• Quality Control: There are numerous demands for managerial and quality control positions where sampling theory is used in government as well as in corporations.

• Industrial engineering and operations research: Most large corporations have operations research groups that are concerned with such parameters as costs, profits, and probabilities of various kinds of success or failure.

• Statistics: Opportunities exist in both government and private industry in a great variety of positions.

• Teaching: A good option if the student enjoys work in an educational environment.

Course Descriptions
MATH/CIS 100. Introduction to Information Technology 3 hours
This skills-based course provides students with a foundation for using information technology systems in the academic environment. Beginning with basic operating system skills, the course guides students in developing competency in use of common productivity software programs. (Students interested in business administration, the computer information systems concentration, the computer information systems minor, the MATH/CIS major, or CIS elective courses should take CIS 200 instead of CIS/MATH 100.)

MATH 101. College Algebra 3 hours
Analysis and problem-solving in the areas of algebraic operations and inequalities, graphs and functions, polynomial functions (graphs and zeroes), exponential and logarithmic functions. This course does not count toward a mathematics major.

MATH 110. Precalculus 3 hours
Prerequisite: Departmental consent.
Preparation for calculus: fundamentals of algebra, functions and graphs, exponential, logarithmic, and trigonometric functions and introduction to analytical geometry.

MATH 200. Discrete Mathematics 3 hours
Prerequisite: MATH 101 or departmental consent.
Set theory, logic, logic circuits, number systems, proof techniques, combinatorics, probability, recurrence relations and difference equations and modern algebra.

MATH 210. Elementary Statistics 3 hours
Elementary study of quantitative data, frequency distributions, graphical representations of data, mean and variance of the sample and population, combinatorics, probability theory and probability distributions. Study of binomial, normal and Poisson distributions, sampling and hypothesis tests.

MATH 211. Calculus I 4 hours
Prerequisite: MATH 110 or permission of the instructor.
Derivatives of rational, trigonometric, exponential, and logarithmic functions, applications of differential calculus, functions and graphs, elementary integration theory, and applications to real-world problems.

MATH 212. Calculus II 4 hours
Prerequisite: MATH 211.
Integration of rational, trigonometric, exponential, and logarithmic functions, area and volume, techniques of integration, sequences and series, improper integrals, and applications to real-world problems.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MATH 213</td>
<td>Calculus III</td>
<td>4 hours</td>
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<td></td>
<td>Prerequisite: MATH 212.</td>
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<tr>
<td></td>
<td>Vector-valued functions, differentiation and integration in 3-dimensional space, partial derivatives, maxima and minima of 2 and 3 variable functions, line and surface integrals, Green’s theorem (multidimensional), Stokes’ Theorem, conic sections, and applications to real-world problems.</td>
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<tr>
<td>MATH 215</td>
<td>Mathematics for Teachers</td>
<td>3 hours</td>
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<td></td>
<td>This content course is designed for teachers at the elementary and middle school level; topics included are numerical systems, sets and relations, primes and divisors, binary operations and properties, rational numbers, real numbers, problem solving, elementary algebra, geometry, statistics and probability, decimal/fraction/ratio, and proportion/percent operations. This course will not be accepted as part of the requirements of a major in mathematics.</td>
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</tr>
<tr>
<td>MATH 225</td>
<td>Survey of Higher Mathematics</td>
<td>3 hours</td>
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<td>Logic, graph theory, planning and scheduling, combinatorics, probability and statistics, linear programming, game theory, number theory, and selected applications of geometry and algebra.</td>
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<tr>
<td>MATH 300</td>
<td>Introduction to Differential Equations</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: MATH 213.</td>
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<td></td>
<td>Solution techniques of first-order ordinary differential equations and second-order linear differential equations, existence and uniqueness theorem, series solutions, Bessel equations, and applications to real-world problems.</td>
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<tr>
<td>MATH 305</td>
<td>Elementary Numerical Methods</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: MATH 212.</td>
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<td>Round-off errors, computer arithmetic with algorithm and convergence, solutions of equations in one variable with polynomial approximation, numerical differential equations and linear systems of equations.</td>
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<tr>
<td>MATH 310</td>
<td>Probability and Statistics</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: MATH 212 or consent of instructor.</td>
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<td></td>
<td>Sample space, events, axioms of probability distributions, special distributions, independence, central limit theorem, mathematical expectation and moment-generating functions.</td>
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<tr>
<td>MATH 315</td>
<td>Abstract Algebra</td>
<td>3 hours</td>
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<td>Prerequisite: MATH 200, 213, or consent of instructor.</td>
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<td></td>
<td>Properties of real and complex numbers, algebraic structures (groups, ring and fields). Use of set theory, mappings, relations and logical methods to analyze the algebraic structure of problems and proof techniques.</td>
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<tr>
<td>MATH 330</td>
<td>Linear Algebra</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: MATH 213 or consent of instructor.</td>
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<td>Application for graduation must be submitted when registering for this class. Vectors, matrices, determinants, linear transforms, vector spaces, systems of linear equations, groups and fields. A basic course with a variety of applications in linear modeling, graph theory, linear programming and economic modeling.</td>
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<tr>
<td>MATH 340</td>
<td>Number Theory</td>
<td>3 hours</td>
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<td>Induction, congruences, Chinese Remainder Theorem, prime numbers, set-theoretic functions, and cryptology.</td>
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MATH 405. Advanced Differential Equations 3 hours
Laplace transform, systems of first-order linear equations, numerical methods, Fourier series, separation of variables, even and odd functions, heat and wave equation, Hermite and Legendre functions.

MATH 410. Mathematical Modeling 3 hours
Prerequisite: MATH 213 or consent of instructor.
Mathematical models of linear and nonlinear systems, mathematical models in physical, social, and environmental sciences, ecological models, deterministic and statistical modeling, formulation, analysis, solution and interpretation of the models using computer.

MATH 420. Geometry 3 hours
Prerequisite: MATH 211 or consent of instructor.
A review of Euclidean geometry, axiomatic method of learning geometry. Examines the flaw in Euclidean geometry, neutral geometry, and introduces non-Euclidean geometry (Riemann and Lobachevski).

MATH 450. History and Development of Mathematics 3 hours
Prerequisite: MATH 211 or consent of instructor.
Historical development of mathematical systems and concepts, significant applications of mathematics from early times to the present. This course can be selected in preparation for the college exit examination.

MATH 460. Real Analysis 3 hours
Prerequisite: MATH 213.
Real and complex number systems, limits and continuity, sequence and series, metric spaces and topology, differentiation and integration of real and vector functions, and Riemann-Stieltjes integrals.

MATH 470. Complex Analysis 3 hours
Prerequisite: MATH 213 and the consent of the instructor.
Includes basic facts about the complex number system, limits and functions of a complex variable, power series and analytical functions, integration in the complex plane, singularities and residues, harmonic functions and boundary value problems.

MATH 485. Mathematics Seminar 3 hours
Prerequisite: Permission of instructor.
This course is designed to examine in greater depth mathematical subjects that majors currently do not have available to them. A student may enroll in MATH 485 a maximum of three times.

MATH 490. Directed Independent Research 3 hours
Prerequisite: MATH 300 and 305, or 410 or consent of instructor.
Directed independent research projects can be selected in the area of mathematics, statistics, mathematical education, or computational mathematics. Results must be presented in writing or orally to the department. This course can be selected in preparation for the college exit examination.

MATH 499. Directed Independent Study 3 hours
Prerequisite: MATH 213 and consent of instructor.
Independent study of various mathematical topics.
MUSIC (MUS)

From the earliest times, no civilization seems to have been without music in some form. Some cultures failed to develop pictorial art, and many have been without written language; but music, the universal form of communication, can be documented in virtually every society. Whether in primitive or in modern times, music has served some of mankind’s basic needs. Across time and national boundaries, without regard to social class or political ideology, music speaks directly to the heart and to the emotions; it is truly the universal language.

Music study explores the development of this significant art form as it focuses on three major areas: fundamentals, analysis and performance.

The department of music offers courses in music theory, music history and literature, conducting, and in many areas of applied music. Opportunities are also provided for students to participate in performing ensembles.

PROGRAM OF STUDY

All music majors, with the exception of keyboard majors, are required to enroll in class piano (MUS 171-174P) every semester until they have satisfied the departmental piano proficiency requirement. All keyboard majors must enroll in Piano Class V (MUS 175P) and pass an advanced piano proficiency exam. Majors are also required to attend recitals and concerts and satisfactorily complete a recital previously approved by the music faculty. Further information may be found in the Music Department Handbook.

In addition, all music majors must take the music theory placement exam. Contact the department of music for more information.

Major: Music

Students majoring in music may take a concentration in either performance or church music.

Church Music Concentration

Students majoring in music with a church music emphasis must take a minimum of 54-55 hours and satisfy the general education requirements noted above. The hours are comprised of the following course work:

Music Theory (18 hours)

- MUS 111. Harmony I
- MUS 112. Harmony II
- MUS 113. Music Skills I
- MUS 114. Music Skills II
- MUS 211. Harmony III
- MUS 212. Harmony IV
- MUS 213. Music Skills III
- MUS 214. Music Skills IV
- MUS 334. Arranging
Music History and Literature (14 hours)
MUS 301. Music History I
MUS 302. Music History II
MUS 303. Music History III
MUS 238. Music in the Christian Church
MUS 343. Choral Literature

Piano Class (1 - 5 hours)
MUS 171-174. Piano Class I-IV
MUS 175. Piano Class V (required for keyboard majors)

Primary Applied Music (15 hours minimum)
MUS 191-492. Applied Music (2 hours each, minimum of 12 hours)
MUS 450. Applied Pedagogy (3 hours)

Conducting (4 hours)
MUS 336. Beginning Conducting
MUS 436. Advanced Conducting

Capstone Course (1 hour)
MUS 441. Senior Seminar

Church Music Internship (1 hour each; 2 hours minimum)
MUS 442. Church Music Internship I
MUS 443. Church Music Internship II (may be repeated for credit)

Ensembles
Required each semester; 0 hours toward major but count in total hours toward graduation
MUS 150, 151, 152, 153, 154, 155

Senior Recitals
In addition, students pursuing this concentration must present a senior level recital (approximately one hour in length).

Music Performance Concentration
Students majoring in music with a performance concentration must take 48-54 hours (number of courses varies) and satisfy the general program requirements noted above. The 48-54 hours are comprised of the following course work:

Music Theory (18 hours)
MUS 111. Harmony I
MUS 112. Harmony II
MUS 113. Music Skills I
MUS 114. Music Skills II
MUS 211. Harmony III
MUS 212. Harmony IV
MUS 213. Music Skills III
MUS 214. Music Skills IV
MUS 334. Arranging
Music History (9 hours)
MUS 301. Music History I
MUS 302. Music History II
MUS 303. Music History III

Piano Class (1-5 hours)
MUS 171-174. Piano Class I-IV
MUS 175. Piano Class V (required for all keyboard majors)

Primary Applied Music (15 hours minimum)
MUS 191-492. Applied Music (2 hours each, minimum of 12 hours)
MUS 450. Applied Pedagogy (3 hours)

Choose two (4-6 hours):
MUS 238. Music in the Christian Church
MUS 336. Beginning Conducting
MUS 344. Diction
MUS 350. Instrumental Techniques
MUS 401. Music Methods, P-8
MUS 402. Music Methods, 6-12
MUS 475. Special Topics in Music (may be repeated for credit)

Capstone Course (1 hour)
MUS 441. Senior Seminar

Ensembles
Required each semester; 0 hours toward major but count in total hours toward graduation
MUS 150, 151, 152, 153, 154, 155

Senior Recitals
In addition, students pursuing this concentration must present a senior level recital (approximately one hour in length).

Music Performance Concentration:
Master of Arts in Teaching Track
This course of study is strongly suggested for those students wishing to pursue the Master of Arts in Teaching. Included in this course of study are courses in music theory, music history, applied lessons, and ensemble participation, as well as courses in music methodology that are required by the Georgia Professional Standards Commission for those seeking certification in music. Students must complete from 53-57 hours comprised of the following course work:

Music Theory (18 hours)
MUS 111. Harmony I
MUS 112. Harmony II
MUS 113. Music Skills I
MUS 114. Music Skills II
MUS 211. Harmony III
MUS 212. Harmony IV
MUS 213. Music Skills III
MUS 214. Music Skills IV
MUS 334. Arranging
Music History (9 hours)
MUS 301. Music History I
MUS 302. Music History II
MUS 303. Music History III

Piano Class (1-5 hours)
MUS 171-174. Piano Class I-IV
MUS 175. Piano Class V (required for all keyboard majors)

Capstone Course (1 hour)
MUS 441. Senior Seminar

Primary Applied Music (15 hours minimum)
MUS 191-492. Applied Music (2 hours each, 12 hours minimum)
MUS 450. Applied Pedagogy (3 hours)

Music Methods and Education (9 hours)
MUS 336. Beginning Conducting
MUS 350. Instrumental Techniques
MUS 436. Advanced Conducting
EDUC 355. Teaching Exceptional Children (prerequisite for the M.A.T. program in music education.)

Ensembles
Required each semester; 0 hours toward major but count in total hours toward graduation
MUS 150, 151, 152, 153, 154, 155

Senior Recitals
In addition, students pursuing this concentration must present a senior level recital (approximately one hour in length).

Minor: Music
Students minoring in music must complete a minimum of 17 hours (number of courses varies) comprised of the following courses:
MUS 111. Harmony I
MUS 113. Music Skills I

Choose one:
MUS 201. History of Jazz and Rock Music
MUS 238. Music in the Christian Church
MUS 301. Music History I
MUS 302. Music History II
MUS 303. Music History III

Choose two:
MUS 334. Arranging
MUS 336. Beginning Conducting
MUS/REL 238. Music in the Christian Church (can only be counted once)
MUS 334. Diction
Choose two hours from:

- MUS 150. Piedmont Chorale
- MUS 151. Chamber Singers
- MUS 152. Wind Ensemble
- MUS 153. Opera Workshop
- MUS 154. Chamber Orchestra
- MUS 155. Cantabile

In addition, students must take four hours in applied music courses.

Career Options
A degree with a major in music may lead to careers in:

Teaching Music in Elementary and Secondary Schools and Colleges
The largest number of full-time music teaching positions exists in public and private schools, in preschools, kindergartens, elementary schools and day-care centers. Teachers, supervisors or directors in middle, junior high and senior high schools provide direction for choral and instrumental organizations, small ensembles and music theatre productions. Music instruction in secondary schools also includes courses in general music, theory, music history and the related arts (music education major only.)

Music teachers at institutions of higher education usually are expected to have completed graduate study in music. They generally specialize in one or two areas such as music theory, music history and literature, music education, performance, electronic music, composition, conducting or music therapy.

Studio Teaching
The studio of a private teacher may be located in a home, school, office building or music store. Those who teach in the home are usually self-employed, whereas others have a business relationship with a school or music store.

Music Therapy
The music therapist combines music, teaching and therapy to help people with disabilities improve their physical and mental health. A masters degree in music therapy and board recertification are required to work as a music therapist.

Performance
Music performance as a career means giving concerts. Opportunities for a career in music performance are very limited, and great perseverance and stamina are required for success. In addition to solo performance careers, there are also performance opportunities in chamber music, folk, rock and pop music, as well as free-lance concert and studio possibilities.

Church/Temple Music
A career as a church or temple music director or organist combines music performance and teaching. Most musicians for religious institutions are employed part time, although large congregations may employ full-time musicians.

Composer
Composers may earn a living from arranging music for school performance groups or writing music for radio or television advertising.
Conductor
Conducting opportunities exist with school choirs, school orchestras and bands, community choirs, dance bands, orchestras and operas. Most conductors rely on supplemental income from teaching.

Music Industry
The music industry is broad in scope and encompasses retail, wholesale, manufacturing, importing, exporting, publishing, recording, repair and rebuilding, tuning and other businesses. Persons who are successful in the music industry have education and training in both music and business.

Television/Radio Industry
The broadcasting industry encompasses a wide range of careers, including composition, scoring, production, editing, clearing copyrights and licensing. Career opportunities are available at television and radio stations, production houses, post-production facilities and a host of related organizations involved in producing and distributing programming.

Music Librarian
College and public libraries offer possibilities for trained music specialists with knowledge of library research and reference, indexing, cataloging, selecting materials for purchase and community relations.

Course Descriptions
MUS 100. Introduction to Music 3 hours
A study of the basic materials of music and a survey of important examples of music literature, style periods, and representative composers of Western music. Emphasizes techniques for listening to music analytically and critically. Course does not count toward a major or minor in music.

MUS 105. Music Fundamentals 1 hour
Concentrates on the fundamentals of reading and writing music as well as elementary harmony. Essential elements are covered such as staves, clefs, notes, note values, key signatures, scales, meter, intervals and triads. An introduction to the keyboard is included. Course does not count toward a major or minor in music.

MUS 111. Harmony I 3 hours
Prerequisite MUS 105, or passing score on the Music Theory Placement exam.
Corequisite: MUS 113. Fundamentals of music including pitch, notation, rhythm, scales, key, mode, intervals and triads.

Further aspects of harmony, melody, melodic construction and voice leading are introduced, with emphasis upon the development of written music skills.

MUS 112. Harmony II 3 hours
Prerequisite: MUS 111.
Discussion of functional tonality, principles of harmonization, diatonic seventh chords, elementary modulation and secondary function of chords.

MUS 113. Music Skills I 1 hour
Melodic, harmonic and rhythmic dictation, sight singing, and keyboard harmony. Designed to be taken in conjunction with MUS 111.
MUS 114. Music Skills II 1 hour
Prerequisite: MUS 113
Melodic, harmonic and rhythmic dictation, sight singing and keyboard harmony. Designed
to be taken in conjunction with MUS 112.

MUS 150. Piedmont Chorale 1 hour
A non-auditioned choral organization open to students, staff and community members. The
group performs concerts two times each year on campus. May be repeated for credit.

MUS 151. Chamber Singers 1 hour
A select choir of mixed voices that performs concerts on campus and at churches and schools
throughout the United States. May be repeated for credit.

MUS 152. Wind Ensemble 1 hour
A group of woodwind, brass, and percussion players from across campus that performs
conserts during the academic year. Private instrumental instruction is strongly suggested
and encouraged while a member of the Wind Ensemble. Auditions are required. May be
repeated for credit.

MUS 153. Opera Workshop 1 hour
Provides a laboratory for the study and performance of operas and scenes from operas. Open
to all qualified students by audition. May be repeated for credit.

MUS 154. Chamber Orchestra 1 hour
Available to all interested instrumentalists through audition. This ensemble will present two
concerts a year on campus, with possible concerts at area high schools. Private instruction
in an instrument (violin, viola, oboe, clarinet, etc.) is strongly suggested and encouraged
while a member of the Chamber Orchestra. May be repeated for credit.

MUS 155. Piedmont Cantabile 1 hour
An elite group of mixed voices chosen from the very best vocalists from the Chamber Sing-
ers. This auditioned group performs jazz, pop arrangements, and avant garde compositions
in concerts on campus for special events and on tour across the state and the nation. May
be repeated for credit.

MUS 201. History of Jazz and Rock Music 3 hours
This course provides a history of American popular music from 1840 to the present, with
concentration on jazz and rock music. The course presents the common roots of both styles
and shows the evolution of these distinct musical styles during the 20th century.

MUS 211. Harmony III 3 hours
Prerequisite: MUS 112.
Neapolitan and augmented sixth chords, borrowed chords, enharmonic function and chrom-
atic modulation.

MUS 212. Harmony IV 3 hours
Prerequisite: MUS 211.
Linear chromaticism, nonfunctional harmony, ninth chords, eleventh chords, thirteenth
chords, free tonality, set theory, serial procedures and indeterminacy.
MUS 213. Music Skills III
Prerequisite: MUS 114
Melodic, harmonic and rhythmic dictation, sight singing and keyboard harmony. Designed to be taken in conjunction with MUS 211.

MUS 214. Music Skills IV
Prerequisite: MUS 213
Melodic, harmonic and rhythmic dictation, sight singing and keyboard harmony. Designed to be taken in conjunction with MUS 212.

MUS (REL) 238. Music in the Christian Church
A historical survey of the philosophy and practice of church music and liturgies from the time of the early Christian church to the present. This course does not count for the General Education requirement for Religion and Philosophy.

MUS 301-302-303. Music History
A three-course sequence designed to provide a chronological perspective of the history of western music from the time of the ancient Greeks up to the present. Although courses are chronological, each component is self-contained and may be taken out of sequence.

MUS 334. Arranging
Prerequisite: MUS 111.
Basic techniques of arranging music for chorus, orchestra and band.

MUS 336. Beginning Conducting
Prerequisite: MUS 111, or consent of instructor.
Development of skills in conducting choral and instrumental music. Special attention is given to learning basic conducting patterns and gestures.

MUS 343. Choral Literature
A survey of choral literature from the Renaissance up to the present with particular emphasis on performance.

MUS 344. Diction
Fundamentals in pronunciation of various languages for singers.

MUS 350. Instrumental Techniques
Designed to acquaint the music education student with knowledge of woodwind, brass, string and percussion instruments.

MUS 401. Music Methods, P-8
Principles and theories of planning and teaching music. Emphasis is placed on traditional areas of instruction but also includes related arts and multicultural approaches to teaching at those age levels. Directed field-based experience is required. (Music majors only.)

MUS 402. Music Methods, 6-12
Principles and theories of teaching music. Directed field-based experience is required. (Music majors only.)

MUS 436. Advanced Conducting
Prerequisite: MUS 336.
Experience in conducting choral and instrumental ensembles, with special attention to score preparation, analysis and reading. Students conduct the Piedmont Chorale, Chamber Singers, and/or the Wind Ensemble in rehearsals.
MUS 441. Senior Seminar in Music 1 hour
Prerequisite: Senior standing (completion of 90 semester hours).
Application for graduation must be submitted when registering for this class.
A capstone course designed to integrate material studied throughout the music program. The semester is devoted to material common to all music major programs (i.e., music theory and music history) and includes one block appropriate to the specific (music education methods for education majors; performance literature for performance concentration majors).

MUS 442. Church Music Internship I 1 hour
Prerequisite: A minimum of the completion of 90 credit hours and consent of department chair.
The Church Music Internship is designed for a music student with a concentration in Church Music who desires to make practical application of their skills and musical knowledge developed through their academic curriculum. This course provides the music student with the opportunity to gain practical experience in a Church Music environment by working in a large church music program as a pianist, organist, choir director, leader of any sort of ensemble, or as an assistant to the Music Director. Placement will be made by the department chair. The student is required to log a certain number of hours each week, which will be based on the interests of the student and the needs of the particular church in which the student is placed.

MUS 443. Church Music Internship II 1 hour
Prerequisite: Satisfactory completion of MUS 441 and consent of department chair.
A continuation of the church music internship experience. May be repeated for credit.

MUS 450. Applied Pedagogy 3 hours
Prerequisite: MUS 111, MUS 113, MUS 191, MUS 192
This course is designed to equip the student with the knowledge to teach beginning, intermediate, and advanced students through exposure to the traditional pedagogical techniques of either Western European piano or vocal music. Emphasis will be placed on surveys of traditional methods and terminology, the operation of a professional studio, physiology, research, and new technological advances.

MUS 475. Special Topics in Music 3 hours
Prerequisite: MUS 112 and 114 or consent of instructor.
This course is designed for the study of special music topics which are not part of the formal offerings within the music department. Topics offered include Piano Pedagogy, Piano Literature, Accompanying, Vocal Pedagogy, Vocal Literature, Women in Music, and other courses that may arise due to interest of students or professors.

Applied Music
Applied music lessons are designed for students who wish to study an instrument while in college. One hour of credit per semester represents one individual half-hour lesson per week or a minimum of one one-hour group lesson per week and is available to all students on campus. Students without prior or with limited experience will be placed in group lessons. Credit is established through individual examinations heard at the end of each semester. Grading is based on performance standards and satisfactory progress.

Applied music tuition is charged at a rate of $100 per credit hour for private lessons in addition to the total tuition costs. There is no practice room fee. Practice time and facilities are scheduled by the instructor.
MUS 171-174 (1 hour class)
Group lessons available in brass, guitar, piano and voice for students taking one of these instruments for the first time.

MUS 175 (1 hour class)
Group lesson designed to prepare piano majors for an advanced Piano Proficiency Exam.

MUS 181-482 (1 hour) Private lesson
MUS 191-492 (2 hours) Private lesson
A letter suffix must follow any applied music course number in order to identify the instrument. Brass (B), Composition (C), Conducting (D), Strings (S), Guitar (G), Harpsichord (H), Voice (V), Organ (O), Woodwinds (W), Piano (P), Percussion (X). A permission of department form signed by a member of the music faculty is required for registration for applied music courses.
FACULTY
Butman Professor B. Taylor
Associate Professors A. Cleere, and Lytle

PHILOSOPHY AND RELIGION (PHIL/REL)

PHILOSOPHY (PHIL)
Philosophy in the ancient tradition is the love of wisdom. The academic discipline of philosophy embodies such a passion for understanding by exploring the most profound questions regarding these three central issues: metaphysics or reality theory; epistemology or knowledge theory; and axiology or value theory. Philosophy introduces students to the classical world philosophies undergirding many of the basic assumptions of contemporary world culture. In particular, the study of philosophy helps students to develop careful analytic, synthetic, and critical thinking skills.

RELIGION (REL)
The study of religion is the study of sacred beliefs about life’s purpose and meaning. This study involves an academic inquiry into the major religions of the world, especially the Bible and the Judeo-Christian religious traditions. Religion courses help many students come to grips with the difference between religious traditions and personal religious heritage. Often this contrast promotes a personal journey and a clearer, deeper understanding of religious values and their import for contemporary life. Study of religion can also aid in developing an understanding of faith capable of supporting all areas of academic preparation and ethical professional practice. It provides knowledge helpful in understanding and respecting the diversity of religious commitments found anywhere in the modern world. Studies in world religions further prepare students to work appropriately and respectfully in the emerging “global village.”

Students interested in pursuing graduate work in theology or entering the ministry are encouraged to design a broad-based academic program of study with the help of a full-time faculty member in that field. No specific major or minor requirements exist for entry into a graduate theology program or seminary but some academic areas and courses will better complement such studies.

Career Options
The value of philosophical and religious studies in preparation for a life well lived can hardly be overstated. In particular, study of philosophy and religion is especially valuable in at least these three ways:

1. As a general liberal arts program, philosophy and religion prepares the student to live a well-examined life, to develop skills for theoretical and practical thinking that are valuable in any career path whatsoever. As such, philosophy and religion as a major or as a selection of classes can enhance one’s ability to take one’s place in society as a well-educated citizen. Further, study in philosophy and religion prepares one for any career where a traditional liberal arts degree is valued.
(2) Philosophy and religion also provides an excellent preparation for post-graduate professional study, especially in the areas of law and divinity. The thinking and argumentation skills developed are especially useful to those entering law school. The critical examination of core religious systems of thought is especially valuable for those entering seminary or divinity school.

(3) Philosophy and religion is also an excellent preparation for post-graduate academic work in a variety of fields. Obviously, for those wishing to pursue study of philosophy or religion at the master’s or doctoral level, the philosophy and religion major is especially appropriate. Furthermore, those considering further education in a variety of other fields, especially in the humanities or liberal arts fields, will find the philosophy and religion major to be an excellent preparation for academic graduate work in those areas as well.

Philosophy
In addition to enhancing studies in history, civilization, government, language, and literature, professionals in teaching, research, business, communications, technical support, government, education, and law benefit from philosophical studies by increasing their understanding of the diverse ways in which people determine meaning in, and apply value to, areas of business and social life.

Religion
Respectful knowledge of the varieties of religious expression can help students secure employment in technical and communication fields where the demand for culturally sensitive employees is rapidly growing. Religion students are successfully hired in sales, technical support, communication, research, business management, education, and teaching fields.

PROGRAM OF STUDY
Major: Philosophy and Religion
The major consists of 30 semester hours beyond the general education requirement. A core of 18 semester hours is required of all majors, and the remaining 12 semester hours consist of religion or philosophy electives. This allows students to concentrate in religion or philosophy or any combination of philosophy or religion courses of interest. (Note: a philosophy or religion elective must be used to satisfy the general education requirement.)

Core: 18 hours
PHIL 101. Introduction to World Philosophy
REL 101. Religions of the World
PHIL 102. Critical Thinking
REL 221. Introduction to the Old Testament
Or REL 222. Introduction to the New Testament
PHIL/REL 305. Ethics
PHIL/REL 499. Senior Seminar in Philosophy or Religion

Electives: 12 hours from the following:
Philosophy:
PHIL 201. History of Philosophy I — Ancient and Medieval
PHIL 202. History of Philosophy II — Modern and Contemporary
PHIL 210. Symbolic Logic
PHIL 301. Metaphysics
PHIL 303. Epistemology
PHIL 400. Special Topics in Philosophy
PHIL/REL 425. Philosophy of Religion
PHIL 490. Independent/Directed Study
PHIL 499. Senior Seminar in Philosophy

Religion:
REL 201. Religious Movements in North America
REL/MUS 238. Music in the Christian Church
REL 254. History of Christian Thought
REL 301. Introduction to Theology
REL 312. Hebrew Prophets
REL 313. Life of Jesus
REL 314. Life and Teachings of Paul
REL 400. Special Topics in Religion
REL/PHIL 425. Philosophy of Religion
REL 490. Independent/Directed Study
REL 499. Senior Seminar in Religion

Minor: Philosophy
The minor in philosophy requires 12 semester hours (four courses) in philosophy beyond the general education requirement of PHIL 101 (Introduction to World Philosophy) or REL 101 (Religions of the World).

Minor: Religion
The minor in religion requires 12 semester hours (four courses) in religion beyond the general education requirement of REL 101 (Religions of the World) or PHIL 101 (Introduction to World Philosophy).

Course Descriptions
PHILOSOPHY
PHIL 101. Introduction to World Philosophy 3 hours
A survey of central philosophical issues and problems. Consideration is given to the nature, sources, and validity of knowledge; the relationship of philosophy to science; the nature of mind and its place in the universe; and the meaning of moral and aesthetic values. A survey of representative schools of philosophy is included.

PHIL 102. Critical Thinking 3 hours
A study of the methods and principles for analyzing and evaluating claims and arguments with particular attention to fallacies and deductive and inductive reasoning.

PHIL 201. History of Philosophy I — Ancient and Medieval 3 hours
A study of the development of Western philosophy from early Greek philosophy to the end of the Middle Ages.

PHIL 202. History of Philosophy II — Modern and Contemporary 3 hours
A study of the development of Western philosophy from the beginning of the Modern period to the Contemporary period.
PHIL 210. Symbolic Logic 3 hours
An introduction to deductive logic using contemporary logical notation. Students learn how to translate English claims into logical symbols and use them, along with valid rules of inference, to form a natural deductive system. Emphasis is placed on the construction of formal proofs of validity.

PHIL 301. Metaphysics 3 hours
Prerequisite: PHIL 101.
A study of the basic questions of reality theory; topics may include the existence and nature of God, human nature and philosophy of mind, time, cosmology, and ontology.

PHIL 303. Epistemology 3 hours
Prerequisite: PHIL 101.
A study of the basic questions of knowledge theory; topics may include definitions of knowledge, truth, evidence, and the rational status of belief.

PHIL (REL) 305. Ethics 3 hours
An introductory study of the history, principles, and current state of ethical thought with special focus on selected contemporary problems.

PHIL (REL) 325. Environmental Ethics 3 hours
This course provides a general knowledge of basic ethical theory; a general exposure to the ethical issues related to the environment and environmental issues; and an introduction to some of the important terms, positions, arguments, and people that are a part of that discipline.

PHIL 400. Special Topics 3 hours
Prerequisite: 15 hours of philosophy or permission of instructor.
Course topics to be announced; offered on occasional basis. May be repeated for credit only if the topic changes.

PHIL (REL) 425. Philosophy of Religion 3 hours
Prerequisite: PHIL 101 or REL 101.
A study of the interplay between philosophy and religion.

PHIL 490. Independent/Directed Study 3 hours
Prerequisite: permission of department.
Independent study of a selected philosophical problem(s) or text(s); to be arranged as needed.

PHIL 499. Senior Seminar in Philosophy 3 hours
Prerequisite: 15 hours of philosophy or permission of instructor. Application for graduation must be submitted when registering for this class.
As a capstone experience, students will write and present a major research project that conforms to standards in the field.

RELIGION
REL 101. Religions of the World 3 hours
Major living religions, with emphasis on the attempts of each to deal with the problems which confront humanity.
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>REL 201</td>
<td>Religious Movements in North America</td>
<td>3 hours</td>
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<td>A survey of diverse religious traditions and movements that have played a significant role in the history of the United States from Native American beginnings to the present.</td>
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<td>REL 221</td>
<td>Introduction to the Old Testament</td>
<td>3 hours</td>
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<td>An introduction to the history, literature, and theology of the Old Testament.</td>
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<tr>
<td>REL 222</td>
<td>Introduction to the New Testament</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>An introduction to the history, literature, and theology of the New Testament</td>
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<td>REL 238</td>
<td>Music in the Christian Church</td>
<td>3 hours</td>
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<td>A historical survey of church music and liturgies from the time of the early Christian church up to the present. Special emphasis is given to a study of hymns, chorales, and psalm tunes.</td>
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<td>REL 254</td>
<td>History of Christian Thought</td>
<td>3 hours</td>
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<td>The development of Christian thought from A.D. 100 to the present, with special emphasis upon major personalities, events, and movements.</td>
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<tr>
<td>REL 301</td>
<td>Introduction to Theology</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: REL 220 or permission of instructor.</td>
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<tr>
<td></td>
<td>A systematic study of such fundamental Christian concepts as revelation, creation, God, Christ, human nature, the Church, and salvation.</td>
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<tr>
<td>REL (PHIL) 305</td>
<td>Ethics</td>
<td>3 hours</td>
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<td>Prerequisite: Sophomore standing or permission of instructor.</td>
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<tr>
<td></td>
<td>An introductory study of the history, principles, and current state of ethical thought with special focus on selected contemporary problems.</td>
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<tr>
<td>REL 312</td>
<td>Hebrew Prophets</td>
<td>3 hours</td>
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<td>Prerequisite: REL 220 or permission of instructor.</td>
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<td></td>
<td>Origin and development of the prophetic movement in Israel and its literature.</td>
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<tr>
<td>REL 313</td>
<td>Life of Jesus</td>
<td>3 hours</td>
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<td>Prerequisite: REL 220 or permission of instructor.</td>
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<td></td>
<td>Life and teachings of Jesus as reflected in the Gospels. Attention is given to critical problems related to the Gospels.</td>
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<tr>
<td>REL 314</td>
<td>Life and Teachings of Paul</td>
<td>3 hours</td>
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<td></td>
<td>Prerequisite: REL 220 or permission of instructor.</td>
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<tr>
<td></td>
<td>Life and teachings of the Apostle Paul as reflected in the Book of Acts and Pauline letters.</td>
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<td>REL (ENST/PHIL) 325</td>
<td>Environmental Ethics</td>
<td>3 hours</td>
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<td>This course provides a general knowledge of basic ethical theory; a general exposure to the ethical issues related to the environment and environmental issues; and an introduction to some of the important terms, positions, arguments, and people that are a part of that discipline.</td>
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<tr>
<td>REL 400</td>
<td>Special Topics</td>
<td>3 hours</td>
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<td>Prerequisite: 15 hours of religion or permission of instructor.</td>
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<td>Course topics to be announced; offered on occasional basis; may be repeated for credit only if the topic changes.</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>REL (PHIL) 425</td>
<td>Philosophy of Religion</td>
<td>3 hours</td>
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<tr>
<td>REL 490</td>
<td>Independent/Directed Study</td>
<td>3 hours</td>
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<tr>
<td>REL 499</td>
<td>Senior Seminar in Religion</td>
<td>3 hours</td>
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Physics (PHY)

Physics is the most fundamental science. It forms the basis of most other sciences and engineering disciplines. Physics provides a logical framework to build on the basic principles of nature that are derived from repeatable experiments. An applied physics major will gain experience in mechanics, thermodynamics, electromagnetism, fluids, materials, electrical circuits, relativity and quantum mechanics. These topics provide the basis for virtually every engineering discipline.

The result of physics impacts our every day lives in a host of ways. For example, physicists invented and played key roles in the development of radar, sonar, global positioning satellite systems, and night vision for the military; X-rays, CAT, and PET scans in medicine; fiber optics, transistors, radio, and internet in electronics; sensors for oil, gas, and mineral exploration. Physicists contribute their expertise to provide better transportation, computers, distribution systems, nuclear energy, better aerodynamic cars, boats, and trains; more stable bridges, buildings, and roads; better understanding of earthquakes, the earth, and weather. In fact, it would be hard to find an area of life that has not been impacted by the application of physics.

Program of Study

Major: Applied Physics

The major in applied physics requires 27 hours in physics beyond PHY 211 and PHY 212, which should be taken as General Education requirements. In addition, 23 hours of mathematics beyond MATH 211 are required. (PHY 399, 3 hours; PHY 495, 1 hour; and PHY 498, 1 hour, are also required.) This is a total major requirement of 55 hours.

Required physics courses:

- PHY 301. Advanced Physics Lab I.
- PHY 302. Advanced Physics Lab II.
- CHEM 452. Physical Chemistry II/Quantum Mechanics.
- PHY 440. Electricity and Magnetism.
- PHY 450. Fluids.
- PHY 460. Circuits.

Also required math courses beyond Math 211 (which should be taken as General Education requirements):

- MATH 212. Calculus II
- MATH 213. Calculus III
- MATH 300. Introduction to Differential Equations

In addition, 12 hours of math courses numbered 300 or above.

The following math courses are recommended to fulfill these requirements:
MATH 470. Complex Analysis
MATH 405. Advanced Differential Equations
MATH 330. Linear Algebra
MATH 305. Elementary Numerical Methods

**Minor: Physical Science**
The minor in physical science requires 16 hours of course work (number of courses varies) to include the following:
PHY 211. General Physics I
PHY 212. General Physics II

An additional eight hours chosen from chemistry courses numbered 300 or above.

**Minor: Physics**
A minor in physics requires a minimum of 18 hours of course work to include:
PHY 211. General Physics I
PHY 212. General Physics II
10 hours of physics at the 300 or 400 level.

**Career Options**
A degree in applied physics offers opportunity for graduate study or jobs in a number of fields. The degree program is an excellent opportunity for engineering students who are uncertain of what engineering they wish to specialize in. By having this applied physics degree, students will have a firm foundation for specializing in civil, electrical, aerospace, mechanical, or reservoir engineering at the graduate level. In addition, the logical thought processes, mathematical tools, and physical reasoning provided in this field can prepare students for continued studies in medicine (e.g. medical school), law (especially patent law), and finance (mathematics of financial vehicles). If a student does not plan to pursue an advanced degree, this applied physics program can be combined with education courses to prepare a student to teach physics and mathematics in secondary schools. A student with this applied physics degree alone will be prepared to enter the job market as a lab technician in almost any engineering specialty. In addition, this degree combines a liberal arts program with a mathematical science that will prepare a well-rounded student for the many challenges of business, education, science, and engineering of the future.

**Course Descriptions**
PHY 101. Conceptual Physics 4 hours
Mechanics, properties of matter, heat, sound, electricity and magnetism, and light. Lecture and laboratory.

PHY (CHEM) 111. Physical Science I 4 hours
Principles of the physical universe, including properties of force, motion, gravitation and energy. Introduction to characteristics of matter including atomic structure and behavior. Lecture and laboratory.

PHY (CHEM) 112. Physical Science II 4 hours
Fundamentals of chemical reactions and organic chemistry. Composition and behavior of the Earth and its atmosphere, the solar system and the universe. Lecture and laboratory.
PHY 211. General Physics I 4 hours
Prerequisite: MATH 211 (concurrent)
Study of mechanics including equilibrium, motion, force, work, momentum and energy, and waves. Lecture and laboratory.

PHY 212 General Physics II 4 hours
Prerequisite: PHY 211 and MATH 212 (concurrent)
Study of electricity and magnetism, radiation, heat, temperature, sound and light, including optics. Lecture and laboratory.

PHY 310. Classical Mechanics 3 hours
Prerequisite: PHY 211 and 212.
Study of systems of particles, rigid body dynamics, continuous media, Lagrange and Hamilton equations, and small vibrations.

PHY 320. Modern Physics 3 hours
Prerequisite: PHY 211 and 212.
Relativity, relativistic mechanics, wave and particle duality, molecular spectra, electron energy bands, kinetic theory of matter, and the Schrodinger Equation.

PHY 330. Thermal and Statistical Physics 3 hours
Prerequisite: PHY 211 and 212.
Macro-thermodynamics including entropy, enthalpy, ideal gases, statistical-thermodynamics including ensembles, Maxwell-Boltzmann, statistics, partition functions, and black-body radiation.

PHY 301. Advanced Physics Lab I 1 hour
Prerequisite: PHY 211 and 212.
Students will design and perform experiments in a variety of physical principles including computer-controlled measurements, dynamics, sound, light, heat, fluid dynamics, and sub-atomic particles.

PHY 302. Advanced Physics Lab II 1 hour
Prerequisite: PHY 211 and 212 and PHY 301.
Students will design and perform experiments in a variety of physical principles including electrostatics, electrodynamics, circuit design, and computer simulations.

PHY (BIO/CHEM/ENVS/GEO) 399. Philosophy and Methodology of Science 3 hours
Prerequisite: At least one course in a 300/400 level science.
Overview of the history and philosophy of science; introduction to scientific research methods including concepts of statistical analyses, testing alternative hypotheses, and experimental design. Requires development of prospectus for Senior Research (BIO/CHEM 498) in consultation with thesis director. Lecture only.

PHY 410. Materials 3 hours
Prerequisite: PHY 211 and 212.
Elasticity, stress, strain, plasticity, waves, and fractures in solids, liquids, gases and crystals.
PHY 440. Electricity and Magnetism  
Prerequisite: PHY 211 and 212.
Electric fields and forces, dielectrics, Laplace and Poisson equations, Maxwell equations, and electromagnetic waves.

PHY 450. Fluids  
Prerequisite: PHY 211 and 212.
Fluid statics, dynamics, viscosity, incompressible and compressible fluids, and porous media fluid flow.

PHY 460. Circuits  
Prerequisite: PHY 211 and 212.
Circuit diagrams, measuring instruments, LRC circuits, semiconductors, diodes, transistors, and operational amplifiers.

PHY 480. Quantum Mechanics II  
Prerequisite: CHEM 452.
This course is a continuation of CHEM 452 Physical Chemistry II/Quantum Mechanics. It expands on concepts of quantum mechanics introduced in CHEM 452. This course covers Linear Vector Spaces, Hilbert spaces, the path integral formulation of Quantum Theory, Hermitian operators including spin and angular momentum operators.

PHY (BIO/CHEM/ENVS/GEO) 495. Science Seminar  
Prerequisite: Senior standing in science major.
Application for graduation must be submitted when registering for this class.
Seminar presentation of a senior research project.

PHY (BIO/CHEM/ENVS/GEO) 4959. Honors Science Seminar  
Prerequisite: Senior standing in science major; must be taken simultaneously with PHY 499.
Seminar presentation of honors research project.

PHY (BIO/CHEM/ENVS/GEO) 498. Senior Research  
Prerequisite: Senior standing in science major
Conduction of senior research under the direction of a research director.

PHY (BIO/CHEM/ENVS/GEO) 4989. Honors Senior Research  
Prerequisite: Senior standing in science major.
Conduction of honors research under the direction of the thesis director.

PHY (BIO/CHEM/ENVS/GEO) 499. Honors Thesis  
Prerequisite: PHY 4989; must be taken simultaneously with PHY 4959.
Writing and approval of a thesis on a research project conducted in PHY 4989. Thesis must be in the format of a scientific article and be approved by the thesis director and one additional reader from within the natural sciences.
POLITICAL SCIENCE (PS)

Political science is the critical study of classical and modern political theories and ideas, including the ideas that have shaped U.S. governmental institutions. It includes the study of the processes, structures and institutions of U.S. government, including international or global relationships. The major in political science fosters individual and social responsibilities, including ethical conduct and citizenship.

PROGRAM OF STUDY

Major: Political Science

The major in Political Science consists of 30 semester hours (10 courses). All majors are required to take the following courses:

- PS 220. American Government
- PS 340. Political Ideologies
- PS/Soc 310. Research Methods and Analysis
- PS 480. Senior Seminar

Students can elect to take any six additional political science courses for their major in consultation with the political science advisor to best meet their program of study needs.

Minor: Political Science

A minor in political science requires 18 semester hours (6 courses). Students must take PS 220. Students can elect to take any other five courses in political science, however it is recommended that they consult with the political science advisor when they plan their course of study.

NOTE: No course taken to meet the major or minor requirements may be counted for credit toward graduation in any other field or program. No course taken for the major or the minor may be used to meet general education requirements. A number of courses are cross-listed and are noted under course descriptions.

Career Options

Possible career options include working in local, state and federal government agencies, regional planning agencies, social services agencies and becoming a professional political scientist by completing graduate work in political science. The political science major also prepares students for law school.

Course Descriptions

- PS 220. American Government 3 hours
  A study of the origins, principles, processes and structures of U.S. government.

- PS (SOC) 310. Research Methods and Analysis 3 hours
  Prerequisite: Math 210 or permission of instructor.
  Basic processes of scientific inquiry in the social sciences, problem formation, research design, measurement, data collection, data analysis, interpretation and reporting of results.
PS 315. Georgia Politics  
This course examines historic and contemporary Georgia, with special attention paid to the state’s constitutional and political development. Georgia’s 10 state constitutions are reviewed in their historical, political, and social contexts. Also, Georgia’s current constitution and the operational system it establishes are discussed with special attention to the contemporary issues which confront Georgia state government and politics, including its relationship to the federal government and international politics.

CJ/PS 290. Introduction to Criminal Justice  
This course is an introduction to the operation and administration of the criminal justice system in the United States. The criminal justice system consists of three interrelated components: law enforcement, the judicial process, and corrections. This course will provide an overview of the structure and processes of the criminal justice system, including a brief examination of crime.

PS 340. Political Ideologies  
Examines contemporary political ideologies, focusing on liberalism, conservatism, libertarianism, fascism, socialism and communism.

PS 350. Governmental Institutions  
Prerequisite: PS 220 or permission of instructor.  
An in-depth examination of the major national institutions of government focusing on the presidency, judiciary, Congress, political parties, and elections.

PS 360. International Relations  
The structure and process of conflict and cooperation in the international community of states.

PS 370. Adjudication Processes  
Within the criminal justice system, the court systems come after law enforcement and prior to corrections. One of the purposes of court systems is to determine the legal outcome of a dispute or conflict. In providing an overview of the court system, this course describes the types and levels of U. S. courts, examines what courts do, especially criminal courts, and examines the relationships between the courts and the broader society.

PS 398. Political Science Internship  
Prerequisite: PS 220 and permission of instructor.  
The internship is a supervised, volunteer, unpaid learning experience in a legal or political setting, which could include a city, country, state or federal government setting as well as a related legal setting. In addition to the volunteer work performed as an intern, the student may be assigned readings related to the internship and may be required to write a research paper directly related to the internship placement. If the course is used to meet the capstone requirement, then readings and a research paper are required. The actual credit hours earned are based on the nature of the internship. For further information, see the political science advisor.

PS (ENST) 405. Global Issues  
An interdisciplinary course focusing on the interplay of cultural, economic, environmental, political and social factors in global issues and problems. Topics to be examined may include the present and future state of life on Earth, natural resource issues, economic and social development, and world conflict and peace.
PS 415. Criminal Law and Procedure 3 hours
An examination of the substantive and procedural law of major crimes against person and property. The focus of this course is to review the nature and origin of criminal law in the U.S., to critique the definition of legal and constitutional procedures governing arrest, and to examine the administration of the criminal sanction.

PS (CJ) 430. Homeland Security and Terrorism 3 hours
Provides an overview of current and emerging communications law and public policy as it relates to the purpose and operation of public and private institutions, freedom of speech and the media, privacy, equal access, copyright, public opinion, monopoly and antitrust laws.

PS (SOC/WS) 450. Family Violence 3 hours
This course examines a number of myths and realities about family violence; reviews historical patterns and attitudes regarding family violence. Topics to be discussed include spouse abuse and rape, child abuse, elderly abuse, murder among family members, and legal defenses to criminal family violence based on patterns of abuse. The course also addresses the consequences of family violence, and legal and community responses.

PS (BA/PSY) 455. Leadership 3 hours
Personal and situational aspects of leading and following, including effective and ineffective leadership styles, leadership as service, emotional and spiritual aspects of leadership, and the role of followers.

PS (BA/PSY) 456. Negotiation and Conflict Management 3 hours
Conflict is explored as a natural outcome of organized activity, including its origins, its dynamics, and the effective management of conflict. Negotiation as one avenue for managing conflict is emphasized, including practice in mediating and negotiating simulated conflicts.

PS (ANT/SOC) 475. Selected Topics 3 hours
This course examines topics related to culture, politics, criminal justice and society which are not part of the formal offerings within the department. May be repeated for credit only if the topic changes.

PS (SOC) 480. Senior Seminar 3 hours
Application for graduation must be submitted when registering for this class. Integrates the student’s knowledge through reading, writing and discussion concerning current developments in political science. A capstone course.
The pre-law student must satisfy all general education requirements as well as the major and minor requirements in his or her chosen areas of study to be awarded an undergraduate degree from Piedmont College. Law schools generally do not specify a particular undergraduate major as preliminary preparation for a legal education. The American Bar Association recommends that undergraduate study should provide thorough intellectual training in social sciences, natural sciences and humanities. The liberal arts curriculum of Piedmont College provides this recommended foundation.

Admission requirements at most law schools normally include the completion of a four-year baccalaureate degree program; a satisfactory overall grade-point average; a satisfactory score on the Law School Admission Test (LSAT); and letters of reference. The requirements concerning grade average and LSAT score vary among law schools. Students who plan to attend a law school are urged to contact lsac.org to familiarize themselves with requirements and recommendations for admission to law schools. Upon entering at Piedmont, students should begin working with the college pre-law advisor, Garen Simmons, professor of history.
Psychology is the science of behavior and mental processes. Environmental, experiential and physiological factors that influence behavior are all included within its area of study. Psychology strives to understand why people behave as they do.

A goal of the psychology program at Piedmont College is to cultivate analytical and interpersonal skills. These skills enhance all social relationships. In addition, individuals who can think, analyze and express themselves clearly are highly valued by employers.

Programs of Study
All psychology majors and minors take a group of basic core courses. In addition, they have the opportunity to plan their own individualized program of study. In consultation with their faculty advisor, they will take courses best suited to their particular interests and future goals. They retain the freedom to decide their own course of study and, of course, the ultimate responsibility for their decisions.

Major: Psychology
The major in psychology consists of 42 hours (14 courses).

Core courses (12 hours):

All psychology majors are required to take:
PSY 201. General Psychology
PSY 202. Intro to Research Methods and Statistics
PSY 401. History & Systems
PSY 495. Advanced Experimental Psychology (Senior Seminar)

Choose three of the following courses (9 hours):
PSY 290. Human Growth and Development
PSY 360. Sensation and Perception
PSY 380. Learning
PSY 410. Cognitive Psychology

Choose two of the following courses (6 hours):
PSY 303. Social Psychology
PSY 381. Theories of Personality
PSY 415. Abnormal Psychology

Choose five more PSY courses (15 hours)
In addition, psychology majors are required to take MATH 210 as part of their general education requirements. The psychology faculty also requires that students who transfer to Piedmont College take MATH 210. If MATH 210 is not transferred in, it must be taken as an elective (major field core requirement).
Minor: Psychology
The minor in psychology consists of 18 hours (six courses). Psychology minors are required to take PSY 201 (General Psychology) and to select an additional 15 hours of course work in psychology.

Psychology Honors Program
The Honors Program in psychology offers interested students the opportunity to engage in individual research projects in collaboration with faculty members and to receive special recognition of their achievement. Majors in psychology are eligible to apply for the Honors Program if they have a cumulative grade-point average of at least 3.5 and a 3.5 GPA in psychology courses. The Honors Program requires the successful completion of a major in psychology and completion of an independent research project approved by the supervising faculty member. Students who complete the program successfully will receive “Honors in Psychology.” The program should aid those intending to do graduate work.

Career Options
The successful psychology major graduates have an increased knowledge of human behavior and sufficient analytical and interpersonal skills to be effective in utilizing this knowledge. Hence, a wide range of interesting and stimulating career opportunities are available in numerous fields. A sample of positions in these fields include personnel administrators, public relations, recreation, psychiatric assistants, health educators, probation and parole officers, salespersons, counselors, laboratory and research assistants, community workers, daycare center supervisors, newspaper reporters, technical writers, business employers and employees, and many others. The major in psychology also prepares students very well for graduate study.

Course Descriptions
PSY 201. General Psychology 3 hours
Covers the main and sub areas of psychology: development, learning, motivation, tests and measures, biological foundations, and disorder identification and treatment.

PSY 202. Introduction to Research Methods and Statistics 3 hours
Prerequisite: PSY 201.
An introduction to research methodology and analysis of data, with an emphasis on observational techniques, correlation, and laboratory methods. The importance of reading research articles is included, as well as an introduction to descriptive and inferential statistics.

PSY 204. Human Sexuality 3 hours
Theoretical and empirical analysis of human sexual behavior, including an overview of the biological and sociological perspectives, with emphasis on the psychological foundations of sexual behavior.

PSY 260. Psychology of Women 3 hours
Covers the study of female behavior from historical and current perspectives in psychology including theories, research issues, and the place of women in psychology.

PSY 290. Human Growth and Development 3 hours
Basic psychological and social theories of development applied to the life span. Emphasis is on development through adolescence to include sensorimotor, cognitive, socio-emotional, physical, and moral development.
PSY (Soc) 303. Social Psychology 3 hours
Mutual interactions of individuals, groups and social structures including a focus on self, attitudes, prejudice, roles and norms, groups and leadership.

PSY 311. Psychology of Adolescence 3 hours
Physiological, sociocultural and psychological factors influencing humans during transition from childhood to adulthood including a focus on reactions to physiological changes, development of values and identity, parent-child-peer relationships, cognitive development, developmental tasks of adolescence and current issues facing adolescents (drugs, alienation, alcohol and delinquency). 10 hours field experience required for secondary education majors.

PSY 312. Psychology of Adulthood 3 hours
Theoretical and empirical examination of the physical, cognitive and psychosocial changes that occur during the adult years. Emphasis on the life span aspects of psychological development including gerontology.

PSY (BA) 325. Consumer Behavior 3 hours
This course will familiarize students with psychological concepts, principles, and theories relevant to consumer behavior. This course is important to business managers who make marketing decisions based on consumers’ reactions to their actions in the marketplace.

PSY (BA) 331. Organizational Behavior/Industrial Psychology 3 hours
Prerequisite: BA 301 or PSY 201.
An investigation of individual and group behavior within business organizations with an emphasis on motivation, leadership and performance, values and attitudes, and organizational design and development.

PSY (EDUC) 355. Exceptional Children 3 hours
Orientation to the understanding of atypical children: identification, etiology, characteristics, psychology and education of exceptional children. Includes hospital and homebound needs, family and professional guidance, and interpersonal relationships. Directed field-based experience required.

PSY 357. Special Topics in Psychology 3 hours
This course explores special areas in psychology. Selected topics are announced in advance.

PSY 360. Sensation and Perception 3 hours
Prerequisite: PSY 201.
An introduction to the study of the human senses and perceptual processes. Sensory coding, information processing, perceptual development, perceptual illusions, and psychophysical methods will be discussed.

PSY 380. Psychology of Learning 3 hours
Prerequisite: PSY 201.
An introduction to the theory and application of principles of conditioning and complex learning, including principles of reinforcement and stimulus control, the function and limits of learning, and forgetting.
PSY 381. Theories of Personality 3 hours
Prerequisite: PSY 201.
Major personality theories influencing psychology, historical roots and early theories, personality assessment, current theories, and approaches to normal and abnormal personality development.

PSY 382. Introduction to Counseling 3 hours
Major theories of counseling and development of counselor skills including a focus on the therapeutic relationship, communication procedures, theoretical orientations and counselor assessment tools.

PSY 383. Tests and Measurements 3 hours
An introductory course on the principles and practices of assessment, including the topics of reliability, validity, test development, intelligence and test interpretation. The history, legalities, and ethics of assessment are also discussed.

PSY 401. History and Systems 3 hours
Prerequisite: PSY 201.
Overview of the history of psychology with emphasis on its philosophical background. Attention is directed to the historical antecedents of contemporary theories of perception, learning, motivation and personality.

PSY 410. Cognitive Psychology 3 hours
Prerequisite: PSY 201.
This course examines cognitive processes, including perception, attention, memory, comprehension, reasoning, decision-making, and problem-solving. The course will give an understanding of the methods used to gather and evaluate evidence about cognitive processes, and an understanding of the ways in which knowledge of these processes has been applied to solve problems and improve the quality of life.

PSY 415. Abnormal Psychology 3 hours
Psychological models as applied to normal and abnormal behavior including identification, etiology, and treatment of anxiety, somatoform, dissociative, affective, schizophrenic and personality disorders.

PSY (ENST) 430. Environmental Psychology 3 hours
This course will familiarize students with the ways in which people interact with the environment and relate to the environment. Theories, methodologies, elements of built and natural environments, as well as personality characteristics will be addressed.

PSY 441. Internship in Human Services 3 hours
Prerequisite: consent of instructor.
The internship is a supervised, unpaid, service-learning experience for 100 hours (15 weeks) in an approved setting. The setting must allow the student to acquire knowledge and practice skills in the application of psychology. The student maintains a daily journal and discusses the experiences of working in an applied setting.

PSY (PS/BA) 455. Leadership 3 hours
Personal and situational aspects of leading and following, including effective and ineffective leadership styles, leadership as service, emotional and spiritual aspects of leadership, and the role of followers.
PSY (PS/BA) 456. Negotiation and Conflict Management  
Conflict as a natural outcome of organized activity, including its origins, its dynamics, and 
the effective management of it. Negotiation as one avenue for managing conflict is empha-
sized, including practice in negotiating simulated conflicts.

3 hours

PSY 490. Independent Research Project  
Prerequisite: Junior standing and written prospectus approved by a psychology faculty 
member.

3 hours

Special project involving original research in some area of psychology. Written report and 
seminar presentation of findings are required.

PSY 491. Independent Research Project  
Prerequisite: PSY 490.

3 hours

Continuation of PSY 490. Written report and seminar presentation of findings are required. 
(Does not count toward major or minor requirements in psychology.)

PSY 492. Honors Practicum  
Prerequisites: Permission of psychology faculty member, must apply in preceding semes-
ter, and senior standing.

This course is designed to provide students with an opportunity to understand work they 
will encounter as graduate students and professional psychologists. Students will assist a 
psychology faculty member in carrying out their professional duties. This will provide the 
student with the opportunity to observe the day-to-day work life of a psychologist in an 
academic setting.

PSY 495. Advanced Experimental Psychology (Senior Seminar)  
Prerequisites: PSY 202, Math 210, and senior standing.

3 hours

Application for graduation must be submitted when registering for this class.

This course is designed to give students a thorough grounding in the empirical research 
techniques used in psychology. All types of research will be covered, including surveys, 
naturalistic observations, true experiments, and quasi-experiments. Students will develop 
and design individual research projects, collect data, and use statistics to determine results. 
Students will write an APA-paper of their findings and present their findings in a seminar 
format.
FACULTY
Professors Melichar, White
Assistant Professors Ayars and Rollins

SOCIOLOGY (SOC)

Sociology is a perspective on and the study of social life. Humans are first and foremost social animals who organize themselves into a variety of social forms depending on social and historical circumstances. A necessary condition for full participation in social life is the ability to understand, explain and evaluate these social forms or societies.

Sociology is the scientific and critical study of how and why modern societies operate the way they do, including the relationships among the various social institutions; how and why societies influence what individuals can do, including the development of self; and how and why individuals produce and reproduce (socially construct) social life through everyday activities. This means that students who study sociology at Piedmont College ought to develop several sensitivities: critical, cultural, historical and moral.

No matter what social roles a person plays throughout life, an appreciation of the sociological perspective will be of benefit. The ability to perform these various roles will be enhanced because of five things. The first is the ability to think sociologically, to identify the various social forces or conditions which hinder or help. The second is the ability to relate the criminal justice system to the broader society of which it is a part. The third is the ability to solve problems, to use acquired analytical and research skills. The fourth is the ability to appreciate and understand the diversity of cultures. The fifth is the ability to use the sociological perspective to make the world a better place for all individuals.

PROGRAM OF STUDY

Major: Sociology
The major in Sociology consists of 30 hours (ten courses). All majors are required to take the following courses:

SOC 201. Introduction to Sociology
SOC 300. Classical Social Theory
SOC 302. Contemporary Social Theory
or SOC 304. Feminist Theories
or PS 340. Political Ideologies (if PS 340 is taken to meet the second theory requirement, it will count as meeting the required 30 hours)
SOC 310. Research Methods and Analysis
SOC 480. Senior Seminar

Sociology majors also may select an area of concentration. The choice of the concentration should be consistent with future goals.

The sociology faculty requires that students who transfer to Piedmont College take MATH 210. If MATH 210 is not transferred in, it must be taken as an elective (major field core requirements).

Minor: Sociology
A minor in Sociology requires 15 hours (five courses) of course work in sociology, of which 12 hours (four courses) must be selected from upper division (300-400 level) courses. No course may be counted for credit toward graduation in more than one field or area of study. A number of courses are cross-listed and are noted under course descriptions.
Career Options
Possible career choices include business, industry, human and social services, education, and federal and state civil service careers. Piedmont College graduates with a major in sociology are employed as personnel managers, ministers, youth counselors, probation and parole officers, state patrol officers, case workers, teachers and college professors.

Course Descriptions
SOC 201. Introduction to Sociology 3 hours
Introduction to the sociological approach to understanding social life. An examination of the basic theories, concepts and methods for analyzing society, and an overview of social processes and social structures.

SOC (ANT) 210. Social and Cultural Problems 3 hours
Focus on cultural, institutional and structural problems of society and major causes of and solutions to such problems as discrimination, prejudice, social inequalities, environment, crime and domestic violence.

SOC (ANT) 250. Cultural Anthropology 3 hours
Introduction to the varieties of human cultures, past and present. Survey of the thinkers and core concepts of cultural anthropology, and of various societies with their differing cultural patterns.

SOC 300. Classical Social Theory 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
This course examines the origins of the discipline of sociology and the early theoretical perspectives that accompanied the scientific study of society and human groups. The course begins with a discussion of the Enlightenment and Enlightenment thinkers although the primary focus of the course will be on the development of sociology in the latter part of the 18th century up until the first few decades of the 20th century.

SOC 302. Contemporary Social Theory 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
The course is designed to develop an appreciation of and an understanding of the development of contemporary sociological theories. This course will focus of functionalism, conflict theory, symbolic interactionism, macrosociological perspectives, feminism, and post-modernism. The course will end by examining the various theoretical challenges to modernity and the Enlightenment from both a pre-modern perspective as well as from a post-modern perspective.

SOC (PSY) 303. Social Psychology 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Mutual interactions of individuals, groups and social structures including a focus on self, attitudes, prejudice, roles and norms, groups and leadership.

SOC (WS) 304. Feminist Theories 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
An introduction to women studies through feminist theories. Exploring the importance of theories in understanding the various roles (and changing roles) played by women in society, as well as exploring the various issues women face in modern society.
SOC (PS) 310. Research Methods and Analysis 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Prerequisite: Math 210 or permission of instructor.
Basic processes of scientific inquiry in the social sciences, problem formation, research design, measurement, data collection, data analysis, interpretation and reporting of results.

SOC 330. Police and Society 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
This course is an introduction to the role of police in U.S. society. Law enforcement is one of the major components of the criminal justice system. Some of the topics to be discussed include the development of the police, policing and civil rights and liberties, the organization and management of the police, the various operations of law enforcement, and the relationship between the police and society.

SOC 331. Crime and Delinquency 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
An overview of the nature, extent, types, theories, and causes of crime and delinquency. Other areas of study may include modern crime and delinquency preventions and methods of punishment and treatment of criminals.

SOC 335. History, Memory and the Holocaust 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
The purpose of this course is to develop a critical understanding of the role of history and memory in the construction of social reality with particular emphasis on the Holocaust. As an interdisciplinary course, this course will use film, literature, art, history, psychology and sociology to examine the meaning of the Holocaust.

SOC (MCOM) 340. Media, Technology, and Society 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Analysis of relationships between media, technology and society in relation to economic, political, professional, institutional, and ethical dimensions within a global context.

SOC 350. Marriage and the Family 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
An examination of the structures and functions of marriage and the family including the varieties of family life. The relationships between families and other social institutions are discussed.

SOC 355. Society, Politics, and the Cinema: Film as Sociology 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
A sociological study of the relationships among society, politics, and films.

SOC 357. Sociology of Gender 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
The course will examine the way gender differences operate and influence individuals’ everyday lives and how gender relations influence and are influenced by social structures and social processes. Areas to be explored may include gender relations in the workplace, gender and body image, gender and identity, and the various ways in which people of different genders are victimized or oppressed on the basis of gender.
SOC (ANT) 375. Social and Cultural Change 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Enhances critical understanding of the dynamics of, reasons for, and the consequences of social and cultural change.

SOC 390. Deviant Behavior 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Examines the various theories and the varieties of deviant behavior with special emphasis placed on the social construction of deviance.

SOC 398. Internship 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
The internship is a supervised, 100-hour volunteer learning experience in a social agency that links academic knowledge with practical experience. In addition to the volunteer work performed as an intern, the student is assigned readings related to the internship. Graded on a Pass (P), or No Pass (NP) basis.

SOC (ANT) 410. Ethnic and Racial Minorities 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Examines the various relations among minority groups, and between minority groups and dominant groups, focusing on colonialism and assimilation models, the migrant experience, patterns of discrimination and prejudice, and the varieties of ethnic minorities.

SOC 420. Structured Social Inequality 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Study of structured social inequality (class, gender, and ethnic/racial) with reference to the unequal production and distribution of societal reward (wealth, status and power). Topics include the nature, types and theories of social stratification and their consequences; and changes in structured social inequalities in advanced industrial and post-industrial societies.

SOC (PS/WS) 450. Family Violence 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
This course examines a number of myths and realities about family violence; reviews historical patterns and attitudes regarding family violence. Topics to be discussed include spouse abuse and rape, child abuse, elderly abuse, murder among family members, and legal defenses to criminal family violence based on patterns of abuse. The course also addresses the consequences of family violence, and legal and community responses.

SOC (ANT/PS) 475. Selected Topics 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
This course examines special topics related to culture, politics and society which are not part of the formal offerings within the department. May be repeated for credit only if the topic changes.

SOC (PS) 480. Senior Seminar 3 hours
Prerequisite: Either SOC 201, 210, 250, or permission of instructor.
Application for graduation must be submitted when registering for this class. Integrates the student’s knowledge through reading, writing and discussion concerning current developments in sociology. A capstone course.
Spanish ranks fourth among world languages, with more than 400 million speakers, and it serves as the official language of some 20 countries. Knowledge of Spanish is of immense cultural and historical value in the world. Within the United States, Spanish is the second most prevalent language, having more than 30 million speakers, making it the fifth largest Spanish-speaking community in the world. The U.S. Hispanics form the second largest ethnic group in the United States, highlighting Spanish as an important component for any career or profession.

Learning a language other than one’s own is an opening on the world, on the beliefs and practices expressed in that second language. As our earth shrinks to a global village, knowledge of foreign languages becomes increasingly valuable. Translation can never adequately substitute for direct communication in another language. The best reason for language study is that the mental habits it teaches give a heightened awareness of the linguistic bias of one’s own thinking and of the power and limitations of language itself.

Students entering Piedmont with substantial language ability (at least of two years of high school Spanish with at least a “B” average) and/or established placement from another institution may complete only the 102-level course to fulfill the foreign language general education requirement. Additionally, if a student’s first foreign language course is a 200-level or higher, the 101-102 requirement is considered satisfied. In this case students are allowed to take other courses to meet their eight-hour requirement.

PROGRAM OF STUDY

Major: Spanish
A major in Spanish requires a minimum of 30 hours (the number of courses varies) in Spanish beyond SPA 101 and 102 (Elementary Spanish); for at least two classes, students are encouraged to study abroad for one summer term or one regular semester in a Spanish speaking country/region.

Requirements: SPA 201, 202, 205, 300, 305, 340 or 341, 350 or 351, 499, and two SPA electives.

MINOR: SPANISH
A minor in Spanish consists of a minimum of 12 hours (the number of courses varies) beyond SPA 102 Elementary Spanish.

Requirements: SPA 201, 202, 205, and one SPA elective.

Double Major/Career Options
Because Spanish is an important component of any career or profession, students may combine the Spanish major with any other major offered at the College.

Students who concentrate in a foreign language find this area a valuable preparation for several careers. Some of the leading opportunities are found in teaching, government service, international commerce, translation and oral interpretation. Students majoring in other disciplines, especially those related to areas of human service, recognize that foreign language competency often opens opportunities and strengthens employment possibilities.
Course Descriptions

SPA 101. Elementary Spanish I
Involvement at the elementary level in spoken and written use of Spanish through class experience and language laboratory. Introduction to the peoples and cultures of Spain and Spanish America. One hour of language lab per week is required.

SPA 102. Elementary Spanish II
Prerequisite: SPA 101 or equivalent credit.
Continuation of SPA 101. One hour of language lab per week is required.

SPA 201. Intermediate Spanish I
Prerequisite: SPA 102 or equivalent credit.
Involvement at an intermediate level in spoken and written use of Spanish. Emphasis is on a thorough review of grammar, reading, composition and conversation in Spanish.

SPA 202. Intermediate Spanish II
Prerequisite: SPA 201 or permission of department.
A continuation of SPA 201.

SPA 205. Spanish Conversation
Prerequisite: SPA 202 or permission of department.
Designed to improve pronunciation and to increase proficiency in the practical use of Spanish in conversation.

SPA 300. Spanish Culture and Civilization
Prerequisite: SPA 202 or permission of department.
A study of Spanish civilization through its literature, art, history and its political and social institutions.

SPA 305. Spanish-American Culture and Civilization
Prerequisite: SPA 202 or permission of department.
A study of Spanish-American civilization through its literature, art, history and its political and social institutions.

SPA 326. Advanced Conversation and Composition
Prerequisite: SPA 205 or permission of department.
Continues development of fluency through intensive practice and study of the spoken and written language. Stresses accurate use of grammatical structures and sensitivity to differences in style, tone, and levels of language from colloquial to formal.

SPA 340. Survey of Spanish Literature I
Prerequisite: SPA 326 or permission of department.
Readings from representative literary works from the origins of Spanish literature through the Golden Age.

SPA 341. Survey of Spanish Literature II
Prerequisite: SPA 326 or permission of department.
Readings from representative literary works from the Golden Age to the present.

SPA 350. Survey of Spanish-American Literature I
Prerequisite: SPA 326 or permission of department.
Readings from representative literary masterpieces of Spanish America from conquest to Modernism.
SPA 351. Survey of Spanish-American Literature II 3 hours
Prerequisite: SPA 326, or permission of department.
Readings from representative literary masterpieces of Spanish America from Modernism to the present.

SPA 360. Introductory International Business: Language and Culture 3 hours
This language and culture course will prepare business and language majors for successful communication in the international business world by building upon their existing knowledge and emphasizing practical, real-life use of oral and written foreign language. This course will introduce the student to essential business terminology and language situations in common business contexts, reinforcing strategies for understanding, interpreting, and responding to new information. This course will also help the student to be alert to the importance of cultural awareness in doing business in foreign countries or with foreigners/nationals in the United States.

SPA 380/580. Spanish for the Classroom 3 hours
This course helps educators communicate effectively in Spanish with students and parents who are not fluent in English. Assignments are built around practical classroom situations, and instruction is based on sound principles of foreign language instruction that emphasizes high frequency vocabulary, drill and practice, and opportunity for immediate application.

SPA 400. Spanish Linguistics 3 hours
Prerequisite: SPA 202 or permission of department.
In-depth study of the syntax, morphology, and phonology of the Spanish language. Emphasis is on written practice through composition, study of idioms, and finer points of grammar.

SPA 481. Special Topics in the Spanish Linguistics variable hours
Prerequisite: SPA 326 or permission of department.
May be taken up to four times and will rotate among topics such as Spanish Dialectology and History of the Spanish Language.

SPA 490. Special Topics in Spanish, Spanish-American or U.S. Latino Literature and Culture variable hours
Prerequisites: Spanish 326 permission of department.
Application for graduation must be submitted when registering for this class.
Investigation of themes of cultural and literary interest in the Hispanic world. Emphasis on mastery of productive language skills, research practices, reading comprehension skills, and cultural knowledge as appropriate to a college Spanish major.

SPA 491. Spanish Practicum 1 hour
Supervised practical experience in an organization or in an activity appropriate to a student’s career and educational interests. Internships are supervised by faculty members and require periodic student/faculty meetings.

SPA 499. Senior Seminar 3 hours
Prerequisites: Spanish 326 and at least one other 300-400 level Spanish course, Senior standing.
As a capstone experience, students will write and present a major research project that conforms to standards in the field.
THEATRE ARTS (THE)

The theatre program offers academic study and hands-on learning in the areas of acting, directing, production, costuming, set design and construction, sound, lights, children's theatre, playwriting, movement and voice for actors, and theatre history. By actively participating in all facets of theatre production, students develop performance, technical and analytical skills. The department produces a variety of theatrical events each semester.

The mission of the Piedmont College Theatre Department is to provide rigorous academic training for students in both performance and technical theatre, to provide audiences with quality productions of the highest caliber, to explore the full range of theatrical offerings from the classical to the contemporary, and to foster professionalism, creativity, and camaraderie.

PROGRAM OF STUDY

Major: Theatre Arts

A student majoring in theatre arts must take either MUS 100 or ART 100 to meet the fine arts requirement for general education. Beyond that, the major requires a minimum of 40 hours (13-14 courses), as follows:

**Required (24 hours):**

- THE 150 Technical Theater practicum
- or THE 151 Acting Practicum (1 hour required. Maximum 3 hours)
- THE 205 Fund. Of Technical Theater – 3 hours
- THE 210 Fund. Of Acting – 3 hours
- THE 301 Theatre History I – 3 hours
- THE 302 Theater History II – 3 hours
- THE 410 Fundamentals of Directing – 3 hours
- THE 460 Senior Project - 3 hours
- ENG/THE 311 Drama – 3 hour
- or ENG/THE 405 Shakespeare – 3 hours

**Electives (16 hours):**

- THE 150 Technical Theater practicum (1 hour)
- or THE 151 Acting Practicum (1 hour required. Maximum 3 hours)
- ENG/THE 311 Drama – 3 hours
- ENG/THE 405 Shakespeare – 3 hours
- THE 420 Selected Topics in Theatre – 3 hours
  (may be repeated up to 12 hours)

And any other 200-level or above theatre courses beyond those required above.

Major: Drama Education

The Bachelor of Arts in Theater Education provides courses leading to certification in Drama at the P-12 level. Courses and program requirements include classroom instruction as well as hands-on learning in theater production and theory, academic preparation in theatre, and experiential learning opportunities in pedagogy. Students must pass appropriate GACE exams and pass a Theater Portfolio to be recommended for certification.
General Education Requirements - 56 hours (see page 62 for general education requirements/Bachelor of Arts Degree) Course descriptions for Education classes begin on Page 212.

REQUIRED THEATRE COURSES: (24 HOURS + 9 THEATRE ELECTIVE HOURS = 33 HOURS)

**THE 150.** Technical Theater practicum  
 **or THE 151.** Acting Practicum (1 hour required. Maximum 3 hours)

**THE 205.** Fund. Of Technical Theater 3 hours  
**THE 210.** Fund. Of Acting 3 hours  
**THE 230.** Children’s Theater 3 hours  
**THE 301.** Theater History I 3 hours  
**THE 302.** Theatre History II 3 hours  
**THE 400.** Drama Education 3 hours  
**THE 410.** Fund. Of Directing 3 hours

**Theatre Electives: (Choose at least 6 hours)**

**THE 220.** Stage Movement and Dance 3 hours  
**THE 305.** Introduction to Scenic Design 3 hours  
**THE 310.** Advanced Acting 3 hours  
**THE/ENG 311.** Drama 3 hours  
**THE/ENG 405.** Shakespeare 3 hours  
**THE 420.** Selected Topics In Theatre 3 hours

**Required Education Courses: (27 HOURS)**

**EDUC 199.** Into. To Education 3 hours  
**EDUC 355.** Exceptional Children 3 hours  
**THE 360.** Practicum (K-8) 3 hours  
**or THE 361** Practicum (9-12) 3 hours  
**PSY 290.** Human Growth and Development 3 hours  
**or EDUC 407 Learning and Cognition 3 hours**

**Professional Semester:**

**EDUC 497.** Classroom Management 3 hours  
**EDUC 498.** Senior Seminar: Reflection and Application 3 hours  
**EDUC 499.** Student Teaching 9 hours

**Minor: Theatre Arts**

A minor in theatre arts requires 15 hours (5 courses), including the following:

**THE 100.** Introduction to Theatre 3 hours  
**THE 210.** Fundamentals of Acting 3 hours  
**THE 301.** Theatre History I 3 hours  
**or THE 302.** Theatre History II 3 hours

The remaining courses (6 hours) may be any theatre elective. No course taken for the minor may be used to meet the general education requirements.

**Career Options**

**Graduate Study**

Many graduate schools offer theatre arts as an academic or professional area of study. The Bachelor of Arts in theatre provides the stepping-stone needed to enter a Master of Arts (M.A.) or Master of Fine Arts (M.F.A.) program, which may qualify the graduate for
teaching in higher education. The M.F.A is recognized in the professional and academic domains of theatre as a terminal degree. Successful theatre arts students may also qualify to enter a doctoral (Ph.D.) program in certain areas of theatre scholarship.

**Professional Opportunities**
Many professional organizations require a degree in staffing positions such as technical theatre or management. While professional acting opportunities may not always require formal education, the knowledge and experience gained from the B.A. program provides the student with expanded opportunities that should be helpful in securing employment in professional theatre companies.

**Other Opportunities**
As an inherently interdisciplinary liberal arts program, the theatre arts degree evidences the reading, writing, speaking, and research skills sought by prospective employers and professional schools. Many theatre arts majors are successful in law school, mass communications, public relations, and other fields.

**Course descriptions**

**THE 100. Introduction to Theatre** 3 hours
Structured for the non-major, this course promotes the appreciation and understanding of theatre across a broad-range of topics including acting, play reading, script analysis, theatre history, design, performance viewing, production processes, and others. Structured to be entertaining and hands-on, this course depends highly on class participation.

**THE 150. Technical/Production Practicum** 1 hour
By working on department theatre productions, students gain practical experience in set and costume construction; lighting and sound design and operation; hair and makeup design and application; stage, house, and box office management; properties, publicity, and technical direction.

**THE 151. Acting/Directing Practicum** 1 hour
Prerequisite: instructor’s approval.
By working on department theatre productions, students gain practical experience in acting, directing, or dramaturgy. Written analysis required.

**THE 205. Fundamentals of Technical Theatre** 3 hours
A foundation course that provides study in set, sound, and lighting design, carpentry and technical direction, shop and stage equipment, and theatre safety. The course provides hands-on focus through class projects and assistance on departmental productions.

**THE 210. Fundamentals of Acting** 3 hours
This course is an introduction to the skills necessary to build a character and play specific circumstances as well as an overview of the major acting teachers and their methods. It includes stage movement exercises and scene study. Written analysis required. *Suitable for majors and non-majors.*

**THE 220. Stage Movement and Dance** 3 hours
This is a participatory course that develops basic dance and stage movement skills centered on yoga, tai chi, and vocal sequencing. It includes stage combat and experimental performance art. Written analysis required. *Suitable for majors and non-majors.*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>THE 230</td>
<td>Children’s Theatre</td>
<td>3 hours</td>
<td>This is a participatory course that emphasizes the importance of theatre for children. Students have the opportunity to create and interact with children through class projects both on and off campus.</td>
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<td>THE 265</td>
<td>Makeup Design</td>
<td>3 hours</td>
<td>A study of the design and application of makeup for the theatrical stage, students will gain hands-on experience with corrective, character, fantasy, and specialty make-up designs.</td>
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<tr>
<td>THE 301</td>
<td>Theatre History I</td>
<td>3 hours</td>
<td>A historical survey of theatrical practice and artists, dramatic literature, and major cultural movements in theatre from prehistory to the Renaissance, including both World and Euro-American theatre topics. Emphasis on reading, research, lecture, oral presentation, and writing skills.</td>
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<tr>
<td>THE 302</td>
<td>Theatre History II</td>
<td>3 hours</td>
<td>A historical survey of theatrical practice and artists, dramatic literature, and major cultural movements in theatre from the Renaissance to the present, including both World and Euro-American theatre topics. Emphasis on reading, research, lecture, oral presentation, and writing skills.</td>
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<tr>
<td>THE 305</td>
<td>Introduction to Scenic Design</td>
<td>3 hours</td>
<td>A focus on the conceptual and analytical side of theatrical design rather than the technical. Course emphasis is on observation, script analysis, sketching, and the evolution of students’ design concepts through various stages. Visual and written analysis required.</td>
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<tr>
<td>THE 310</td>
<td>Advanced Acting</td>
<td>3 hours</td>
<td>Prerequisite: Fundamentals of Acting Scene and monologue study of periods and styles of acting, from contemporary to Shakespeare, including verse scansion, character analysis, and script analysis. Written analysis required.</td>
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<tr>
<td>THE (ENG) 311</td>
<td>Drama</td>
<td>3 hours</td>
<td>Prerequisite: ENG 101, 102, and 201 or 202 Evaluative reading and criticism of selected plays, representing major playwrights, periods, and genres of dramatic literature.</td>
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<td>THE 312</td>
<td>Voice and Diction for the Stage</td>
<td>3 hours</td>
<td>A comprehensive study and application of the actor’s voice in the performance arena. Utilizing the vocal techniques of Linklater, Lessac and Berry, students will explore both contemporary and classical texts.</td>
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<tr>
<td>THE 314</td>
<td>Audition Techniques and Professional Development</td>
<td>3 hours</td>
<td>This course is designed to provide the Theatre student with the necessary tools for guidance in the world of professional Theatre. Students will become familiar with a wide variety of audition requirements; construct audition packages, and research theatrical unions and various professional Theaters throughout the United States. The semester will culminate in an Audition Portfolio and a professional audition for directors and casting directors.</td>
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<tr>
<td>THE 317</td>
<td>Lighting Design</td>
<td>3 hours</td>
<td>After a comprehensive understanding and analysis of lighting instruments, lighting plots, electricity, and elements of design, students will receive hands-on experience in designing lights for mainstage and/or black box productions.</td>
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<td>Course Code</td>
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<td>THE 319.</td>
<td>Costume Design</td>
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<td></td>
<td>Combining both costume history and the mechanics of design, students will receive practical costume design experience in the historical, modern and contemporary theatre.</td>
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<td>THE 360.</td>
<td>Practicum K-8</td>
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<td>Prerequisite: one methodology course</td>
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<td>A 90-semester-hour practicum for one semester, at the K-8 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement. Please note: THE 360 is designed for prospective student teachers who would like to be placed in 9-12 level Drama Education classroom for their student teaching.</td>
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<td>THE 361.</td>
<td>Practicum 9-12</td>
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<td>Prerequisite: one methodology course</td>
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<td>A 90-semester-hour practicum for one semester, at the 9-12 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement. Please note: THE 361 is designed for prospective student teachers who would like to be placed in K-8 level Drama Education classroom for their student teaching.</td>
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<td>THE 400.</td>
<td>Drama Education</td>
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<td>This course is designed to exercise the skills necessary to teach theatre activities to students in grades P-12, including using theatre as a teaching method in a variety of subject areas in grades P-8. To that end, students will become familiar with Georgia Department of Education requirements for theatre arts; develop strategies for locating the resources and volunteers necessary for play productions; and explore the goals, needs, benefits, problems and issues of coordinating a theatre program in the secondary education environment.</td>
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<td>THE (ENG) 405.</td>
<td>Shakespeare</td>
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<td>Prerequisite: ENG 101, 102, 201 or 202, and ENG 303</td>
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<td>Evaluative reading and criticism of selected Shakespeare works.</td>
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<td>THE 410.</td>
<td>Fundamentals of Directing</td>
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<td></td>
<td>Prerequisite: Fundamentals of Acting</td>
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<td>This course is a study of the techniques of stage direction, including practical exercises in staging selected or improvisational scenes. The course will result in each student staging a scene or a short play. Written analysis required.</td>
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<td>THE 420.</td>
<td>Selected Topics in Theatre</td>
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<td>This course is the study of theatre topics ranging from dramatic literature to specialized production skills. Previous topics include Portfolio development, Samuel Beckett, Playwriting, and Audition Technique. May be repeated for credit with each new topic.</td>
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<td>THE 425.</td>
<td>Advanced Technical Theatre</td>
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<td>Building upon skills developed in THE 205, Basic Technical Theatre, students will address special issues inherent in various forms of set construction, lighting and sound design.</td>
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<td>THE 430.</td>
<td>Advanced Directing</td>
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<td>Building upon the skills developed in THE 410, this course is an analysis and understanding of historical, contemporary and experimental styles, thus allowing the students directing experience in a variety of performance spaces (arena theatre, performance art, alley theatre, etc.)</td>
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THE 435. Advanced Scene Design  
3 hours  
Building on skills developed in THE 305, Basic Scene Design, this course addresses the specific needs of the set designer in regard to the various performance spaces in contemporary theatre (black box, arena, outdoor theatre, etc.)

THE 450. Drama Education II  
3 hours  
A Survey course on the analysis and application of Drama Education in the P-12 Classroom, with a focus on play production, classroom procedure, and field experience within the community.

THE 460. Senior Project  
3 hours  
Prerequisites: senior standing and/or instructor’s approval.  
Application for graduation must be submitted when registering for this class.  
Cumulative and capstone exercise in theatre scholarship, acting, directing, dramaturgy, design, playwriting, stage management, or technical production followed by a written account of the experience. May be pursued on-or-off campus, provided that project has faculty approval.
WALKER SCHOOL OF BUSINESS

MISSION STATEMENT
The Walker School of Business provides undergraduate and graduate degree programs in a variety of disciplines. Building on our liberal arts traditions, the faculty and staff of the Walker School of Business aim to facilitate the learning process of undergraduate and graduate students in preparation for leading and managing in a changing, global environment. Our mission is to offer academic programs in business-related disciplines, which emphasize small-group interaction, community and professional involvement, and individualized attention.

Association of Collegiate and Business Schools and Programs (ACBSP)
The Walker School of Business received national accreditation in November 2007 from the Association of Collegiate Business Schools and Programs (ACBSP) for undergraduate and graduate business programs at both Piedmont’s Demorest and Athens Campuses. ACBSP’s mission is to establish, promote, and recognize educational practices that contribute to the continuous quality improvement of business education programs, teaching of business courses, and student learning outcomes in colleges and universities throughout the United States and abroad.

Goals
Undergraduate Program Goals
Students graduating with an undergraduate business degree will demonstrate the following to meet organizational outcomes. Graduates will develop:

1. An understanding of basic conceptual knowledge in the functional areas of business, including but not limited to, accounting, information systems, finance, management, and marketing;
2. An ability to use critical thinking skills, along with appropriate technology, to recognize, define, investigate, and solve business problems;
3. An ability to communicate effectively with a variety of audiences in a business setting.
4. An ability to participate in teams to meet goals;
5. An understanding of culturally diverse organizations; and
6. An ability to recognize and adapt to change.

THE UNDERGRADUATE BUSINESS PROGRAM
Undergraduate students enrolled in the Walker School of Business work toward a Bachelor of Arts degree with a major in business administration. The major in business administration requires 12 business courses (36 semester hours) plus the requirements for the general business track or a specific concentration, which includes a minimum of six additional courses (18 semester hours). At the Demorest Campus, concentrations are available in accounting, management, marketing (including sports marketing), and human resources management. At the Athens Campus, concentrations are available in accounting and technology management.

The program for the business administration major has been developed with the assistance of local business leaders who continue to serve as advisors and who help provide linkages to the business world. Near the conclusion of the program, each business administration
student is encouraged to participate in an internship with a business or other organization. The internship program is designed not only to provide the student with direct application of academic training but also to enhance future employment opportunities.

The international focus of the business curriculum provides for a more global perspective. In addition to the courses in international studies, short-term travel abroad programs, such as the “European Experience,” provide students with first-hand exposure to international, cultural, political, and economic environments.

Business administration majors are encouraged to participate in student business-related organizations such as Students in Free Enterprise (S.I.F.E.). This organization provides opportunities for career development.
BUSINESS ADMINISTRATION (BA)

A liberal arts foundation serves as the base for the business administration undergraduate major offered by the school. Students who major at the undergraduate level in business administration must pursue a program, which in addition to typical general education courses, includes 12 business core courses plus those courses for either the general business track or a specific concentration.

The program for the major in business administration, including the concentration options, has been developed with the assistance of business leaders, former students, and potential employers. All undergraduate students within the Walker School of Business are encouraged, if not required as part of their area of concentration, to participate in an internship with a business or other appropriate organization. The internship program is designed not only to provide students with a direct application of academic training but also to enhance future employment opportunities.

The understanding and application of computer technology and information systems are important parts of the preparation for the undergraduate student. The computer instruction and applications provided within the Walker School’s Center for Workgroup Computing and numerous classes of the School emphasize productive, effective, and street-wise use of computers in organizational settings.

The undergraduate major has been designed with an international dimension so as to provide students with a global perspective. In addition to the required course in international business for business majors, numerous upper level courses in management, accounting, marketing, and economics focus on international operations. Short-term travel abroad programs, such as the “European Experience” typically offered during the summer May term, provide students with first-hand exposure to the international cultural, political/legal, geographic and economic environments of foreign countries.

PROGRAM OF STUDY

Major: Business Administration

Business Core (36 semester hours)

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<tr>
<th>Course</th>
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<tr>
<td>ACC 201</td>
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<td>BA 331</td>
<td>Organizational Behavior/Industrial Psychology</td>
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<td>BA 340</td>
<td>Finance for Business</td>
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<td>BA 350</td>
<td>Quantitative Methods</td>
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BA 400. International Business
BA 440. Strategic Management
CIS 401. Management Information Systems

Note: ECON 221, CIS 200 (or equivalent) and BA 200 should be taken within the college general education core; otherwise they must be taken within the elective area.

Concentration Requirements (18 semester hours):
For the major in business administration, each student must select from either a concentration in a specific field or the general business track.

Accounting (ACC)
The Walker School of Business offers both a concentration and a minor in the field of accounting.

Accounting Concentration
A major in business administration with a concentration in accounting provides a doorway to many career opportunities both within and outside of accounting. The degree may lead one to become a certified public accountant or certified management accountant and will prepare one for employment in both manufacturing and service industries. A background in accounting is also an excellent foundation for governmental service or law.

Accounting, often called the language of business, provides essential information about the economic activities of an entity. It plays an important role in our economic and social system. The decisions made by individuals, businesses, governments and other entities determine the use of the nation’s scarce resources. The goal of accounting is to record, report and interpret economic and financial data for use by decision makers.

Concentration Requirements (21 semester hours)
ACC 301. Intermediate Accounting I
ACC 302. Intermediate Accounting II
ACC 310. Cost Accounting
ACC 345. Accounting Information Systems
ACC 420. Tax Accounting
ACC 450. Advanced Accounting
ACC 460. Auditing

Minor: Accounting
A major in a field outside of business and a minor in accounting provide a background that is useful in many non-business careers. Knowledge of the budgeting process, understanding how financial statements are prepared, and the ability to interpret accounting information are useful in all careers.

ACC 201. Accounting I
ACC 202. Accounting II
ACC 301. Intermediate Accounting I
ACC 302. Intermediate Accounting II
ACC Elective
ACC Elective
Management
Concentrations are offered in management, human resources management, and technology management. The technology management concentration is offered on the Athens Campus only.

Management Concentration
The management concentration provides students with a broad set of skills, knowledge, and perspectives so they can pursue careers in a variety of organizations and industries and deal with the realities of numerous job and career changes following graduation. Also, the management concentration provides a solid foundation for graduate study in MBA programs or law school. The management concentration focuses on topics fundamental to the success of leaders and organizations. The Walker Business School offers management tracks in management and human resource management. Since the management of human resources is prerequisite to organizational success, human resource management is a focus even in the management track.

Management, where the student focuses on acquiring decision-making and implementation skills, is designed to provide ethical strategic direction to businesses in a global setting. The management concentrations differ from other business concentrations in that it focuses on between-function issues whereas other concentrations focus primarily on within-functional issues.

Concentration Requirements (18 semester hours)

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<td>Entrepreneurship and New Venture Management</td>
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<td>BA 360.</td>
<td>Production and Operation Management</td>
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<tr>
<td>BA/ACC 470.</td>
<td>Internship (in management)</td>
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<td>BA/PSY 455.</td>
<td>Leadership</td>
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Human resource Management Concentration
Human resource management focuses on topics within the human resource management functional area of a business enterprise. Human resource management is based upon business requirements to recruit, select, train, compensate, promote, and retain employees. Special emphasis is placed on understanding the psychological and legal environment of the business enterprise, from a resources-based perspective.

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<td>ECON 320.</td>
<td>Labor Economics</td>
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PSY 303. Social Psychology  
PSY 312. Psychology of Adulthood  
PSY 382. Introduction to Counseling  
BA 450. Internship (in human resource management)

**Technology Management Concentration**

The major in business administration with a concentration in technology management will provide students the knowledge and skills necessary for enhancing successful management in today’s technology-oriented organizations. The concentration facilitates students’ advancement to management positions in their chosen field of specialization. The program includes a blend of both management and technology-based courses.

**Concentration Requirements**

BA 360. Production and Operations Management  
**or** BA 370. Project Management  
BA 455. Leadership  
**or** BA 430. Entrepreneurship and New Venture Management  
BA 480. Managing Quality  
CIS/TM 301. Introduction to Computing Systems  
CIS/TM 320. Database Management Systems  
CIS/TM 313. Web Development

**MARKETING**

A concentration is offered in marketing. A minor is also offered in marketing.

**Marketing Concentration**

A business administration degree with an emphasis in marketing is enjoying increasing demand because of the wide range of available career opportunities. Marketing is also a good minor option for a wide range of disciplines including communications, theatre, and sociology. Special emphasis is placed on communication skills, applications of technology, globalization, and experiential learning.

**Concentration Requirements (18 semester hours)**

BA 325. Consumer Behavior  
BA 430. Entrepreneurship  
BA 435. Marketing Research

Select either one of three specialty areas listed below or choose any combination of three from the following:

**Consumer marketing**

BA 415. Retail Management  
BA 410. Advertising and Promotion  
BA 445. Product Management  
**or** BA/ACC 470. Internship

**Corporate (Industrial) Marketing**

BA 425. Sales Management & Personal Selling  
BA 445. Product Management  
BA 410. Advertising and Promotion  
**or** BA/ACC 470. Internship
Sports Marketing
- BA 412. Sports Marketing
- BA 434. Facilities and Event Management
- BA/PSY 456. Negotiation and Conflict Resolution
  or BA/ACC 470. Internship

Marketing Minor
The minor in marketing is an added enhancement to many fields of study. All people are touched by marketing in their daily lives and in their professional lives. Mass communications students could benefit by gaining an understanding of the business perspective. Art and theater students could benefit by understanding how to market their own work and how others may utilize their work in business, e.g. advertising agencies. Psychologists may find an enhanced understanding of the field of consumer psychology and marketing is a good career path for those with an undergraduate degree in psychology. Understanding the field of marketing helps create aware consumers as well as more effective communicators. The student should take ECON 220 (Microeconomics) as part of the general education requirement.

- BA 320. Marketing
- BA/PSY 325. Consumer Behavior
- BA 430. Entrepreneurship
- BA 435. Marketing Research

Choose two:
- BA 410. Advertising and Promotion
- BA 412. Sports Marketing
- BA 415. Retail Management
- BA 425. Sales Management and Personal Selling
- BA 445. Product Management
- BA/ACC 470. Internship (in marketing)

GENERAL BUSINESS (18 semester hours)
The General Business Track is designed for students wishing to obtain a broad exposure to several functional areas of modern business. Choosing the General Business Track allows a student more flexibility in scheduling day or night classes to suit work and family schedules.

General Business – Elective Option
The student selects six upper level courses from the available concentrations, with no more than two courses from any one concentration area. Students must meet prerequisites of courses selected. These courses should be chosen with the student’s specific career goals in mind.

Small Business Option — Click Here

General Business Minor for Non-business Majors
(18 semester hours)
- ACC 201. Accounting I
- ACC 202. Accounting II
- BA 301. Management
- BA 320. Marketing
- BA 340. Finance for Business and Economics
Choose one:
  ECON 220.  Microeconomics
  ECON 221.  Macroeconomics

International Option (18 semester hours)
This option is designed for the student who wishes to expand his or her understanding and knowledge of the international dimensions of business. The program is designed to provide flexibility in the selection of six upper level courses applicable to international experience, language, and business. Students should work closely with advisor to select appropriate courses and credits for international activity, language, and business. *Appropriate upper level international business credits may come from: Nottingham University Semester Abroad, “European Experience” or other short term travel abroad experience offered by the School of Business, or other pre-approved travel abroad experiences. Students must work closely with advisor in the selection of six upper level courses. Upper level language courses should correspond to those taken as a part of the general education core.

*International Experience 3 hours
*International Experience 3 hours
Upper Level Language 3 hours
Upper Level Language 3 hours
Upper Level Business 3 hours
Upper Level Business 3 hours

Small Business Minor for Non-Business Majors
The Minor in Small Business is an added enhancement to many fields of study. This Minor will provide entrepreneurs (who just happen to have majored in Art, Theater, Music, Psychology, Literature, Science, or anything other than Business) with the knowledge, skills, and abilities that will be needed to survive, succeed, and prosper in the management of a small business in their chosen field.

ACC 201.  Accounting I
BA 301.  Management
BA 314.  Business Law I
BA 320.  Marketing
BA 341.  Financial Analysis
BA 410.  Advertising and Promotion
BA 430.  Entrepreneurship and New Venture Management

Choose one:
  BA/PSY 456  Negotiations and Conflict Management
  BA 415.  Retail Management
  BA 425.  Sales Management and Personal Selling

COURSE DESCRIPTIONS

ACCOUNTING

ACC 201.  Accounting I  3 hours
Prerequisite: CIS 200 or equivalent.
The recording, summarizing, reporting and analyzing of economic activities of a business organization. Equivalent to a first course in accounting principles, the central focus is on
the financial statements that are required for external reporting, including the formulation of these statements and their application to decision making.

**ACC 202. Accounting II**
**Prerequisite:** ACC 201.
Introduction to the fundamentals of management accounting for students who already have a basic knowledge of financial accounting. Topics include cost accumulation and product costing, managerial decision-making, and planning and control.

**ACC 301. Intermediate Accounting I**
**Prerequisite:** ACC 202.
Accounting theory and practice as applied to receivables, inventories, intangible and tangible fixed assets, and current and long-term liabilities.

**ACC 302. Intermediate Accounting II**
**Prerequisite:** ACC 301.
Theory and practice as applied to capital stock, dividends, retained earnings, application of funds, and statement analysis.

**ACC 310. Cost Accounting**
**Prerequisite:** ACC 201.
Cost elements, cost classifications, job and process cost systems.

**ACC (BA) 341. Financial Analysis**
**Prerequisite:** ACC 201.
The course is designed to educate the student on the linkages between managerial decisions and the impact of these decisions on the financial performance and economic value of the firm. The course will cover interpretation of financial reports via utilization of ratio analysis and other techniques. It will also cover the development of financial projections and their underlying assumptions; evaluation of business investment decisions given required rates of return; assessment of the implications of financing choices; determination of business and security values; and the use of analytical techniques to maximize shareholder value. The viewpoints and concerns of managers, owners, and other stakeholders will be considered during the analysis/interpretation process.

**ACC 345. Accounting Information Systems**
**Pre-requisite:** ACC 301
This course will present a thorough introduction to basic accounting information systems, provide a working knowledge of systems analysis and design techniques, and introduce several fundamental accounting information flow patterns. In addition, it will examine the need for adequate systems controls, risks inherent in the controls, and refined systems output to support management decision-making processes.
ACC 420. Tax Accounting 3 hours
Federal income tax fundamentals under the latest amendments to the Internal Revenue Code as applicable to the individual’s taxes, credits, inclusions in and exclusions from gross income, capital gains and losses, dividends and allowable deductions.

ACC 450. Advanced Accounting 3 hours
Prerequisite: ACC 302.
Special problems relating to consolidated statements, fiduciaries, governmental and institutional units.

ACC 460. Auditing 3 hours
Prerequisite: ACC 201.
Qualifications and responsibilities of the public accountant; introduction to basic auditing objectives, standards, ethics, terminology, procedures, working papers and reports.

ACC/BA 470. Internship 3 hours
Prerequisite: Senior standing or permission of the instructor.
Through actual work experience and/or an applied job related project, the student has a chance to apply business related skills and concepts. Each student is directed by a college supervisor and is expected to prepare a report and a self-evaluation of this experience.

ACC 499. Special Topics 1-3 hours
The content and credit hours for this course vary. Consult the schedule for topics and hours available for the semester.

MANAGEMENT, MARKETING AND GENERAL BUSINESS

BA 200. Business Communication 3 hours
Prerequisite: ENG 102.
A study of the tools and techniques, both oral and written, that are useful for communicating in a business environment based upon the concepts and theories of business communication. Among the additional topics covered in detail, are: business reports, presentations (prepared and impromptu) resumes, the job search process, and basic business etiquette. The course involves considerable use of critical thinking skills.

BA 301. Management 3 hours
Prerequisite: BA 200 and either ECON 220 or ECON 221.
An overview of the management functions: planning, organizing, leading and controlling. The course also includes an examination of business ethics and the global economy.

BA 314. Business Law I 3 hours
An overview of the U.S. and international legal systems, tort and criminal law, and a more detailed study of general contract law and the law of sales contracts governed by the Uniform Commercial Code.

BA 315. Business Law II 3 hours
Prerequisite: BA 314 or permission of instructor.
A study of commercial paper, creditors’ rights and bankruptcy, business organizations and property law, including insurance, wills and trusts.
BA 320. Marketing  3 hours  
Prerequisite: BA 200 and ECON 220.
A study of the principles and methods involved in pricing, promoting and distributing products to consumers through various channels.

BA (PSY) 325. Consumer Behavior  3 hours  
Prerequisite: BA 320.
Current theories and research on buyer behavior will be explored, with special attention to their application in managerial decision-making. Specific theories of buyer learning, attitude development, perception, group interaction and decision making, organizational dynamics, personality and culture are used to explain and predict customer response to market offerings.

BA (PSY) 331. Organizational Behavior/Industrial Psychology  3 hours  
Prerequisite: BA 301 or PSY 201.
An investigation of individual, group, and organizational behavior within businesses with an emphasis on motivation, leadership, performance, values and attitudes, and organizational design and development.

BA 340. Finance for Business  3 hours  
Prerequisite: ACC 202.
Tools and techniques useful for aiding the manager in planning for and managing assets, short-term and long-term liabilities, capital budgeting, and income and expenditures by use of ratio analysis and other techniques.

BA (ACC) 341. Financial Analysis  3 hours  
Prerequisite: ACC 201.
The course is designed to educate the student on the linkages between managerial decisions and the impact of these decisions on the financial performance and economic value of the firm. The course will cover interpretation of financial reports via utilization of ratio analysis and other techniques. It will also cover the development of financial projections and their underlying assumptions; evaluation of business investment decisions given required rates of return; assessment of the implications of financing choices; determination of business and security values; and the use of analytical techniques to maximize shareholder value. The viewpoints and concerns of managers, owners, and other stakeholders will be considered during the analysis/interpretation process.

BA 350. Quantitative Methods  3 hours  
Prerequisite: MATH 210 or MATH 310 and CIS 200.
Practical applications of statistical tools and techniques to business problems. Emphasis is placed on research, design and interpretation of results and the implications of those results for business decision-making.

BA 360. Productivity Management  3 hours  
Prerequisite: CIS 200 or equivalent and BA 301 or consent of the instructor.
Investigates techniques to improve personal, process, and organizational productivity in service and manufacturing organizations. Students learn to apply constraint management and process improvement concepts through cross-functional teams performing continuous improvement activities designed to increase efficiency. If organizational effectiveness (competitive advantage) is the product of quality and efficiency, then this course holds quality
constant and explores methods to improve efficiency (see BA 480 for the companion course on quality) in service and manufacturing organizations. Students will employ spreadsheet logic to solve an array of problems.

BA/CIS 370. Project Management: Managing Project Activities, Teams, and Resources  3 hours
Prerequisite: BA 301
This course addresses concepts and techniques for the management of business and technology projects and their associated activities, personnel, and resources. The content deals with planning, scheduling, organizing, and managing projects such as new product development, construction, system implementation, and special events. Primary class emphasis is on the project management process and tools. The course covers the project planning process in detail, addressing project scope, and objectives, deliverables, milestones, tasks, work breakdown structure, responsibility and authority, project network, critical path analysis, costs, and resource allocation. The course also addresses the formation and organization of the project team, including the selection of successful project managers, key staffing, and group process issues, and the various organizational approaches used to structure projects. Topics covered include the project life cycle, project planning, project scheduling, project cost estimating, project risk analysis, project control techniques, project organizations and functions, project manager responsibilities, and teambuilding.

BA 400 International Business
Prerequisites: BA 340 and ECON 221.
An overview of the terms, tools, and techniques necessary for conducting business on a global basis. Special focus is placed on trades and foreign direct investments. Emphasis is placed on recent world events as they impact international business.

BA 410. Advertising & Promotion
Prerequisites: BA 320 and BA 435.
Planning, execution and measurement of advertising programs. The course will focus on the creation of a real-world advertising campaign. Students will learn concepts of advertising and media strategy, media data sources, and analysis and effective message delivery.

BA 412. Sports Marketing
Prerequisite: BA 320.
An introduction to the complex and diverse nature of sports marketing. A framework will be presented to explain and organize the strategic sports marketing process.

BA 425. Sales Management and Personal Selling
Prerequisite: BA 320.
This course will focus on personal selling and its management in the context of the organization’s marketing strategy. The sales process, cost control, performance appraisal, recruitment, motivation and compensation will be explored as well as other management issues. Students will be required to make sales presentations on videotape for analysis.
BA 430. Entrepreneurship and New Venture Management  3 hours
Prerequisites: BA 301, BA 320 and BA 340; and senior standing
Note: This course may be substituted for BA 440 as the Capstone course if the student declares and completes the Small Business Option of the General Business track.
Acquaints the student with the differences in managing a small business or a new business venture from that of a large business. Specifically examined are the personal qualities of successful entrepreneurs, the information required to establish a new business venture, the unique problems of the entrepreneur in starting and operating a new business, and dealing with external professionals who help with a new/small business.

BA 432. Human Resource Management  3 hours
Prerequisites: BA 301 or BA 331.
The traditional functions of a human resource department are examined. The course includes a survey of laws governing personnel function, the appropriate use of software in HR management, and maintaining equitable workplaces are among topics probed. Students are expected to develop an understanding of the role that human resource processes play in the strategy of organizations.

BA 434. Facilities and Event Management  3 hours
Prerequisite: BA 320.
From multimillion-dollar complexes to community centers, facilities and event management is a conglomerate of management and marketing activities. This course will explore the issues related to sports events planning and implementation. Designing, managing and promoting facilities will also be explored in depth.

BA 435. Marketing Research  3 hours
Prerequisite: BA 350 or consent of the instructor and BA 320.
This course will prepare managers and owners for working with professional researchers or to design simple research of their own to obtain customer input for new products, advertising, pricing and distribution systems. Specific topics covered will be the use of secondary information sources, preparation and evaluation of surveys, basics of data evaluation and the marketing research process. Applications will include demand estimation and forecasting, concept testing, consumer satisfaction analysis and product development. Students will conduct actual research in-group projects.

BA 440. Strategic Management  3 hours
Prerequisites: BA 340 and senior standing.
Students should complete the application for graduation prior to registering for this course.
The capstone course using case analysis and the strategic management literature to tie the business administration functional areas together and reinforce the concepts and tools learned in the prerequisite courses. A major component of this course is the topic of ethics in business.

BA 445. Product Management  3 hours
Prerequisites: BA 320 and BA 435.
An introduction to the theory and methods of merchandising and product management. The elements of effective marketing plan development and execution will be discussed. Broader issues such as product development, life cycle, market development, design and display will be explored.
BA/PSY 455. Leadership 3 hours
Influencing skills are explored through self-assessment, applied practice, and case review; styles of leading in appropriate contexts, coaching, and mentoring are among topics. Effective processes examined are the leader-follower relationship, delegating, group decision-making, power, politics, participation, service as leadership and collaboration. Systemic perspectives like organizational culture and the learning organization are viewed as valuable in changing environments.

BA/PSY 456. Negotiation and Conflict Management 3 hours
Conflict as a natural outcome of organized activity, including its origins, its dynamics, and the effective management of it. Negotiation as one avenue for managing conflict is emphasized, including practice in negotiating resolutions to simulated conflicts.

BA 460. Sports and Employment Law 3 hours
Prerequisite: BA 314
Explores the subjects of sports and labor in contemporary society. The relationship between antitrust and labor laws is discussed. The nature and structure of labor organizations is explored. Collective bargaining, contract negotiation and other issues are also highlighted.

BA/ACC 470. Internship 3 hours
Prerequisite: Senior standing or permission of the instructor.
Through actual work experience and/or an applied job related project, the student has a chance to apply business related skills and concepts. Each student is directed by a college supervisor and is expected to prepare a report and a self-evaluation of this experience.

BA 480. Quality Management 3 hours
Prerequisite: CIS 200 or equivalent, BA 350, or consent of instructor
Investigates the behavioral, technological, and statistical concepts inherent to the system of management called total quality managements (TQM). One of the principle tenants of TQM is the notion that continuous improvement of quality requires the continuous measurement and assessment of quality. A knowledge of statistics and spreadsheets is required. If organization effectiveness (competitive advantage) is the product of quality and efficiency, then this course holds efficiency constant and explores methods to improve quality (see BA 360 for the companion course in productivity) in service and manufacturing organizations. Students will employ spreadsheet logic to solve an array or problems.

BA 499. Special Topics 1-3 hours
The content and credit hours for this course vary. Consult the schedule for topics and hours available for the semester.

COMPUTER INFORMATION SYSTEMS
CIS/MATH 100. Introduction to Information Technology 3 hours
This skills-based course provides students with a foundation for using information technology systems in the academic environment. Beginning with basic operating system skills, the course guides students in developing competency in use of common productivity software programs. (Students interested in business administration, the computer information systems concentration, the computer information systems minor, the MATH/CIS major, or CIS elective courses should take CIS 200 instead of CIS/MATH 100.)
CIS 200. Information Systems for Computer Science and Business 3 hours
This course will provide students with a foundation for using information technology systems in an academic environment and will prepare students for further studies of information technology in upper division business and computer science courses. The course will provide instruction in the basics of component hardware, operating system manipulation, common productivity software programs, common graphics programs, HTML development, and use of digital media peripherals. Capabilities and risks associated with Internet-based media will be explored and use of Internet-based research tools will be emphasized. The course will emphasize use of spreadsheet software for analysis and modeling in the business environment. Concepts essential in database design and programming will be introduced.

CIS/TM 301. Introduction to Computing Systems 3 hours
Prerequisite: CIS 200 or equivalent.
Introduction to, and synthesis of, the essential elements of computing systems. Emphasis is placed on operational issues of hardware organization, organizational issues of operating systems, principals of program logic design, and programming coding.

CIS (ART) 313. Web Development in HTML and XML 3 hours
Prerequisite: CIS 200 (preferred) or CIS/MATH 100.
This course will introduce the HTML and XML mark-up languages that are the foundation of the World Wide Web. Students will learn to design and develop webpages and websites using a variety of web authoring and graphic tools. Sound webpages and website design principles will be introduced and emphasized.

CIS/TM 320. Database Management Systems 3 hours
Prerequisite: CIS 200 or equivalent.
Study of design, development and administration of databases. Includes relational data environments and manipulation of databases using SQL programming.

CIS/BA 370. Project Management: Managing Project Activities, Teams, and Resources 3 hours
Prerequisite: BA 301.
This course addresses concepts and techniques for the management of business and technology projects and their associated activities, personnel, and resources. The content deals with planning, scheduling, organizing, and managing projects such as new product development, construction, system implementation, and special events. Primary class emphasis is on the project management process and tools. The course covers the project planning process in detail, addressing project scope, and objectives, deliverables, milestones, tasks, work breakdown structure, responsibility and authority, project network, critical path analysis, costs, and resource allocation. The course also addresses the formation and organization of the project team, including the selection of successful project managers, key staffing, and group process issues, and the various organizational approaches used to structure projects. Topics covered include the project life cycle, project planning, project scheduling, project cost estimating, project risk analysis, project control techniques, project organizations and functions project manager responsibilities, and teambuilding.
CIS 401. Management Information Systems 3 hours
Prerequisites: CIS 200 or equivalent, ECON 220 (Microeconomics), and BA 301 (Management).
This course introduces business students to the complexities of the business computing environment and should help students understand: common applications for computers in business, common problems in managing information technology in business, “e-business” and how it relates to traditional management information systems. In addition to enduring MIS concepts, the course will devote considerable time to current issues in MIS.

ECONOMICS
ECON 220. Microeconomics 3 hours
Individual consumer and producer behavior. Market mechanisms, structures and adjustments, and introduction to international trade.

ECON 221. Macroeconomics 3 hours
Operation of the national economy, principles of supply and demand, inflation and unemployment, role of government, national income, monetary and fiscal policies and an introduction to international monetary relations.

ECON 305. Environmental Resource Management 3 hours
This course provides a survey of the physical, social, and economic aspects of current environmental issues and an understanding of environmentally sound management of resources.

ECON 313. Financial Institutions and Markets 3 hours
Prerequisite: ECON 221 or permission of the instructor.
A survey of the role of financial institutions and markets in the domestic and global economies.

ECON 320. Labor Economics 3 hours
Prerequisite: ECON 220.
A brief history of the American labor movement and economic analysis of labor markets and labor legislation.
SCHOOL OF EDUCATION
SCHOOL OF EDUCATION

Preparing proactive educators to improve the lives of all children.

MISSION
The School of Education offers a variety of undergraduate and graduate programs to prepare teachers at the initial and advanced levels. Programs of study include undergraduate programs in Early Childhood Education, Middle Grades Education, Secondary Education, and Drama Education. Graduate programs at both the initial and advanced certification levels include master’s programs in Art Education, Early Childhood Education, Music Education, four content areas in Secondary Education, and Special Education. The School also offers an advanced program in Middle Grades Education, as well as the Education Specialist and Education Doctorate in Teaching and Learning.

The School of Education’s mission is focused on Mastering the Art of Teaching: Preparing Proactive Educators to Improve the Lives of All Children. Supporting this mission, we strive to prepare reflective, scholarly, proactive educators. These practitioners effectively educate their own students to become knowledgeable, inquisitive, and collaborative learners in diverse, democratic learning communities.

Students’ Responsibility
Students must assume full responsibility for knowledge of the policies, rules, and regulations of the School of Education and the College, and of departmental requirements concerning their individual programs. Students are also responsible for meeting deadlines as published on the college website. In no case will a regulation be waived or an exception be granted because a student pleads ignorance of the regulation or asserts that the individual was not informed of a specific requirement by an advisor or other College personnel.

All Piedmont students are required to utilize the Piedmont e-mail system for the dissemination of information by the administration. Students are responsible for all information distributed in this manner.

Continuation and completion of all programs is contingent upon demonstration of the knowledge, skills, and dispositions necessary to help all students learn as described in the School of Education Conceptual Framework and Candidate Program Learning Outcomes. Piedmont College reserves the right to withdraw a teacher candidate from teacher education for failure to meet these outcomes.

Students must be knowledgeable about professional ethics and social behavior appropriate for school and community, and they must also have specific knowledge about the Georgia Code of Ethics for Educators.

Regulations, program requirements, and procedures are subject to change pending rules of the Georgia Professional Standards Commission. Programs of study leading to certification are approved by the Georgia Professional Standards Commission.
FACULTY
Dean McFerrin
Professors Andrews, Briggs, A. Brown, W. Brown, Berrong, Cummings, Dickson, Frech, Kibler, Lucado, McFerrin, Moody, Rogers, and H. Smith
Associate Professors Benson, Gantt, McCollum, Palmour, Pease, Secules, Smith-Patrick, and Welsh
Assistant Professors Crowder, P. Greene, Hollandsworth, Hutcheson-Williams, Jordan, Lemmons, Leslie, Pipes, Studevan, Murphy, and O’Keefe
Instructors Bolt and Mapp

EDUCATION (EDUC)
Preparing proactive educators to improve the lives of all children.

GENERAL PROGRAM REQUIREMENTS
ADMISSION TO TEACHER EDUCATION
Students must apply for formal Admission to Teacher Education after completing 30 semester hours and before completing 60 semester hours, even if all criteria are not met. Candidates transferring more than 60 hours must apply for Admission to Teacher Education their first semester. Criteria for unconditional admission are as follows:

• Evidence of adequate scholastic ability, demonstrated by a 2.5 “C+” or higher cumulative GPA;
• Evidence of proficiency in written English by a final grade of “C” or higher in English 101 and 102;
• Evidence of proficiency in mathematics by a final grade of “C” or higher in the mathematics general education requirements;
• Evidence of proficiency in oral communication by a final grade of “C” or higher in MCOM 100 and error-free use of standard English during a required interview;
• Evidence of potential in professional education by a final grade of “C” or higher in EDUC 199 or in EDSE 102-202;
• Evidence of meeting expectations for professional conduct and ethics as documented on the Admission to Teacher Education Form and undergoing a criminal background check;
• Favorable recommendation of the major advisor;
• Formal written application made through the Dean of Education; and
• Passing score on the GACE Basic Skills tests unless exemption filed according to the following criteria: SAT exemption (1000 total with no minimum verbal or math); ACT exemption (43 total by adding English and Math); GRE exemption (1030 total with no minimum verbal and quantitative).

Students may not complete more than nine courses (including approved transfer courses) in the major unless the GACE Basic Skills tests have been passed or exempted.

See School of Education website (www.piedmont.edu/schools/education) for more information.
Field Experiences
Field Experience requirements are established by each department. Teacher Candidates should consult the School of Education website for detailed information concerning their program of study. Field Experiences include documented hours built into individual courses, practicum, student teaching, and apprenticeship.

Continuation and completion of all field experiences is contingent upon demonstration of the knowledge, skills, and dispositions necessary to help all students learn as described in the School of Education Conceptual Framework and Candidate Program Learning Outcomes and, for candidates in programs leading to secondary T-4 certification, the Georgia Systematic Teacher Education Program Accomplished Teacher Framework. Piedmont College reserves the right to withdraw or change the placement of a teacher candidate for failure to meet these outcomes or at the request of the host school.

Program Completion Requirements
Teacher Certification
The College’s recommendation for issuance by the Georgia Professional Standards Commission of a Georgia Level 4 renewable certificate in the appropriate area or areas is contingent upon:

• Completion of all courses in the professional education sequence (each with a minimum grade of “C”);

• All professional education courses must be completed no more than 10 years before the student’s graduation date unless approved by the department chair;

• Application for graduation;

• Submit documents of all field experience requirements;

• Successful completion of program portfolio;

• Attainment of the baccalaureate degree;

• Clearance on a personal affirmation form reflecting the moral standards and code of ethics of the Georgia Professional Standards Commission and the Piedmont College School of Education;

• Education majors should be aware that they will undergo a criminal background check before completing any required field experiences. Applications to teacher education and to student teaching may be denied based on information presented in the background clearance. Before being hired by a Georgia Public School System, another background check, including fingerprinting, will be conducted by the system;

• An overall GPA of 2.5, and a 2.75 GPA for secondary education majors in their content field;

• A passing score on the GACE Basic Skills tests and the appropriate certification test(s).

For the certification application process, go to www.piedmont.edu/cert_app
Major: Early Childhood Education (P-5)
• PSY 290 Human Growth and Development required in general education to meet III b.
• SPA 101 and 102 required in general education to meet IIa (unless foreign language sequence is transferred.)
• All candidates are required to take an undergraduate School of Education orientation within their first two semesters at Piedmont College.
• All candidates must document a minimum of fifty hours of field experiences in diverse settings across grade levels (P-5) during their program of study.

A major in early childhood education requires 66 hours comprised of the following courses:
EDUC 199. Introduction to Education
EDPE 271. School and Community Health
EDUC 307. Learning and Cognition
EDPE 321. Physical Education in the Elementary Schools P-5
EDEC 331. Reading Methods, P-5
EDEC 332. Children’s Literature and Language Arts Methods, P-5
EDUC 333. Geography for Teachers
EDEC 334. Social Studies Methods, P-5
EDEC 335. Science Methods, P-5
EDEC 336. Math Methods, P-5
EDUC 338. Assessing and Assisting Effective Reading in the Classroom
EDUC 339. Fine Arts for Teachers
EDUC 355. Exceptional Children
EDUC 401. The Multicultural Classroom
EDUC 405. Exploration and Analysis of Reading Environments
Choose one: Apply semester in advance (Exclude summer)
EDEC 361. Practicum (1-3)
or EDEC 362. Practicum (4-5)
EDUC 495. Educational Assessment for All Learners

Professional Semester
The following three courses must be taken concurrently:
EDUC 497. Classroom Management
EDUC 498. Senior Seminar: Reflection and Application
EDEC 499. Student Teaching (K-5) (This is also the designated CAPSTONE for ECE Majors)

Major: Middle Grades Education (4-8)
The School of Education offers a state-approved program of study leading to middle grades (4-8) certification. All candidates are required to take an undergraduate School of Education orientation within their first two semesters at Piedmont College.

All candidates must document a minimum of fifty hours of field experiences in diverse settings across grade levels (4-8) during their program of study.
This major requires 73-78 hours comprised of the following courses.

**Professional Education Sequence**

EDUC 199. Introduction to Education  
EDUC 307. Learning and Cognition  
EDMG 331. Reading Methods, 4-8

Select two of the following courses according to areas of concentration:

- EDMG 332. Children’s Literature and Language Arts Methods, 4-8  
- EDMG 334. Social Studies Methods, 4-8  
- EDMG 335. Science Methods, 4-8  
- EDMG 336. Math Methods, 4-8

EDUC 337. Teaching Reading and Writing in the Content Areas  
EDMG 345. Teaching in the Middle School  
EDUC 355. Exceptional Children  
EDMG 360. Practicum, 4-5  
or EDMG 361. Practicum 6-8  
EDUC 401. The Multicultural Classroom  
EDUC 495. Educational Assessment for All Learners

**Professional Semester**

The following three courses must be taken concurrently:

- EDUC 497. Classroom Management  
- EDMG 498. Senior Seminar: Reflection and Application  
- EDMG 499. Student Teaching (4-8) This is also the designated capstone for middle grades majors.

**Area of Content Courses**

Middle grades education majors select two areas of concentration from language arts, mathematics, natural sciences and social sciences. Courses taken in the concentration areas may not be used to meet general education requirements.

**A. Language Arts**

ENG 330. Advanced English Grammar Survey of English Usage for Teachers  
ENG 450. Seminar in Composition Studies

Select two of the courses below:

- ENG 210. United States Literature to 1865  
- ENG 211. United States Literature from 1865  
- ENG 220. Ethnic American Literature  
- ENG 307. Short Story  
- ENG 428. Twentieth Century American Literature  
- ENG 429. Multicultural American Literature

**B. Mathematics**

MATH 200. Discrete Mathematics  
MATH 211. Calculus I  
MATH 420. Geometry  
MATH (300 level or above)
C. Natural Sciences
BI 101. General Biology I
CHEM 101. General Chemistry I
ES 201. Physical and Historical Geology of Georgia
OR ES 202. Astronomy and Meteorology
Any other science

D. Social Sciences
HIST 301. History of the U.S. to 1836
or HIST 302. History of the U.S., 1836-1912
HIST 330. History of Georgia
SOCS/EDUC 333. Geography for Teachers
PS 220. American Government

Minor: Teaching
This minor benefits those interested in teaching but not seeking certification at the undergraduate level. The minor is not related to a specific level of teaching and does not lead to certification. Prior to taking any courses for the minor, a candidate must provide a Verified Background Check. Requirements are:

EDUC 199. Introduction to Education
EDUC 355. Exceptional Children
EDEC, EDMG, or EDSE. Practicum
Choose one:
   PSY 290. Human Growth and Development
   EDUC 307. Learning and Cognition
Any two additional 3-hour courses with a prefix of EDUC, EDEC, EDMG, or EDSE not used in a major.

Major: Drama Education
For information regarding a major in Drama Education please refer to page 182, MAJOR: DRAMA EDUCATION.

Secondary Education Programs
Undergraduate Programs
Piedmont offers five undergraduate programs for individuals seeking T-4 certification to teach grades 6-12: English /Language Arts Education, Mathematics Education, History Education, Biology Education, and Chemistry Education. Programs of study are available from the Coordinator of Undergraduate Secondary Education Programs, or from the respective Arts and Science departments, or in this catalog as listed below.

Biology Education, page 84
Chemistry Education, page 93
English /Language Arts Education, page 101
History Education, page 122
Mathematics Education, page 139

Dual-Degree Secondary Education Programs
These programs are for students who prefer certification at a masters degree level, or who opt for secondary education after the fall semester of their junior year. They combine a
bachelors degree with a Masters in the Art of teaching, leading to recommendation for a T-5 Georgia teaching certificate in the following fields: English/Language Arts, Mathematics, Broadfield Science, and History.

Dual-Degree candidates should follow their respective department’s program for studies for secondary education as described in the department sections under Arts & Sciences in this catalog. The only required education course in the Dual-Degree Program is EDSE 366 Foundations and Practicum in Secondary Education (4 semester hours). This course should be taken in either junior or senior year.

Refer also to “Fast Track Admissions” in the Graduate Studies section, page 238, and Master of Arts in Teaching: Initial Certification, page 258.

Candidates in both programs are strongly encouraged to take Spanish for Teachers and to practice conversing with native speakers whenever possible. We also recommend taking as many philosophy courses as possible, especially PHIL 303 Epistemology and PHIL 305 Ethics.

Career Options
Teacher education programs prepare undergraduate candidates for teaching positions in their field of study and encourage the continuation of professional development of graduate candidates. The profession of teaching offers opportunities for professional development in many other areas including guidance counseling, school administration, and as a media specialist.

Course Descriptions
EDSE 102/201/202/301*/302. Explorations in Secondary Education 1 hour each Exploratory courses taken each semester during the freshman, sophomore and junior years. Provides an opportunity for candidates to become familiar with the attributes of accomplished teaching and reflect upon their role in modeling these in their future careers. Thirty-three attributes of accomplished teaching are spiraled throughout the three-year sequence with increasing levels of sophistication. These ‘strands’ encourage candidates to reflect upon and incorporate the knowledge, skills and dispositions acquired in their General Education and content courses into their own personal pedagogies. Discussion of the trends and issues in secondary education enhance candidates’ understanding of the foundations of education, the philosophical and ethical issues impacting teaching and the multicultural composition of high schools. Additionally, candidates begin the production of a growth portfolio documenting their progress toward achieving the School of Education’s ten Core Candidate Learning Outcomes (CCLO’s) and the six competency areas of the Georgia Systemic Teacher Education Program (GSTEP). Required field experiences (16-20 hours each semester) provide a realistic view of high schools in this region.

*Students admitted to the secondary education cohort during their general education program enroll in the appropriate one (1) hour Explorations class (EDSE 102,201,202) each semester. Transfer students and Piedmont students who declare a secondary education major during the fall semester of their junior year are required to enroll in EDSE 301 Explorations for three (3) hours credit, rather than one (1) hour, in order to develop competency in the ‘strands’ explored during the earlier general education sequence. Students who opt for secondary education after the fall of their junior year are advised to pursue the current Dual-Degree Program. Refer to page 279 in the catalog for details.
EDUC 199. Introduction to Education
Prerequisites: PC 101 and ENG 101.
Introduction to education as a profession, with emphasis on the foundations of education, its history and philosophy and the qualities and competencies required. Directed field-based experience is required.

EDUC 250. Media and Technology for Educators
(Minimum grade of “C” required.)
This course is designed to help students understand and use effective curriculum that includes integrating technology in support of classroom instruction and management. Students will explore ways to help children build a knowledge base of current technologies that include electronic devices that range from programmable telephones to video cameras and computers and will facilitate active P-12 student participation in the learning process. Students in the course will have opportunities to work with basic as well as advanced technologies in addition to traditional media. The course will further provide participants the opportunities to develop skills needed to maintain professional competence in this dynamic aspect of their work.

EDPE 271. School and Community Health, P-12
This course provides information on a comprehensive school health education program and community health program. Also, included is information on drugs, alcohol, and tobacco as related to the school and community population.

EDUC (SOSC) 306. Economics for Teachers
A survey of the basic concepts of economics required in the Georgia Performance Standards (GPS): fundamental concepts, producers and consumers, microeconomics, macroeconomics, and international economics. Selected concepts, as outlined in the Georgia Council on Economic Education’s “Scope and Sequence” documents, address each of these five areas. Designed to meet the needs of middle and secondary teachers.

EDUC 307. Learning and Cognition
Analysis of the underlying processes of learning and of theory-based strategies for improved learning and teaching. Directed field-based experience and case study analysis are required.

EDPE 321. Physical Education in the Elementary Schools P-5
Methods and techniques of teaching physical education in the elementary grades according to developmentally appropriate practices. A focus on integrating physical education with subject areas (Language Arts, Math, Social Studies, etc.) is also emphasized. Motor learning, rhythms, developmental games and creative movement are included. Directed field-based experience is required.

EDEC 331. Reading Methods, P-5
Foundation in the teaching of reading with a focus on a balanced literacy program through the integration of reading across the curriculum. Developmental reading programs, whole-language, emergent literacy, phonemic awareness and reading readiness will be addressed. Emphasis will also be placed on engaging diverse learners through various approaches and responses to reading. Directed field-based experience is required.
EDMG 331. Reading Methods, 4-8 3 hours
Foundation in the teaching of reading with an emphasis on the traditional and progressive strategies that reflect the reading/writing connections and support embedding reading and writing across the curriculum. Word recognition skills; phonics; comprehension; fluency; vocabulary development; relationship of reading and writing; spelling, listening, oral language, library, dictionary and study skills will be emphasized in how they relate to content area instruction. Directed field-based experience is required.

EDEC 332. Children’s Literature and Language Arts Methods, P-5 3 hours
This course provides an interdisciplinary, literature-based approach to methods for teaching language arts in elementary school. Directed field-based experience is required.

EDMG 332. Pre-Adolescent Literature and Language Arts Methods, 4-8 3 hours
This course provides an interdisciplinary, literature-based approach to methods for teaching language arts in middle school. Directed field-based experience is required.

EDUC (SOSC) 333. Geography for Teachers 3 hours
Survey of the various areas of the world with emphasis on the cultural, economic, political and social developments in relation to the geographic conditions.

EDEC 334. Social Studies Methods, P-5 3 hours
Principles, skills, procedures and materials for teaching aspects of related social studies in the social studies program. Directed field-based experience is required.

EDMG 334. Social Studies Methods, 4-8 3 hours
Relationship among the differing social sciences, with emphasis on the social studies program. Principles, skills, procedures and materials needed to develop and teach a social studies program. Directed field-based experience is required.

EDEC 335. Science Methods, P-5 3 hours
Prerequisite: Completion of General Education lab science requirements. Objectives, experiences and methods of teaching science in the public school. Directed field-based experience is required.

EDMG 335. Science Methods, 4-8 3 hours
Prerequisite: Completion of General Education lab science requirements. Objectives, experience and methods of teaching science in the public school. Directed field-based experience is required.

EDEC 336. Math Methods, P-5 3 hours
Prerequisite: MATH 215 (unless exempt) or general education math requirement. Candidates will explore the knowledge, skills and dispositions necessary to provide appropriate instruction for all elementary students. Candidates will analyze the teaching of mathematics, basic math content and general principles of mathematics including current issues, procedures, and techniques of instruction. Emphasis is placed on assisting candidates to teach mathematics content and processes with manipulatives. (Directed field experience is required.)

EDMG 336. Math Methods, 4-8 3 hours
Prerequisite: MATH 215 (unless exempt) or MATH 225. Candidates will explore the knowledge, skills and dispositions necessary to provide appropriate instruction for all middle school students. Candidates will analyze the teaching
of math, basic math content and general principles of mathematics including current issues, procedures, and techniques of instruction. Emphasis is placed on assisting candidates to teach mathematics content and processes with manipulatives. (Directed field experience required.)

EDUC 337. Teaching Reading and Writing in the Content Areas 3 hours
This course is designed to prepare middle grades teachers to utilize reading and writing skills as tools for learning in the content areas. Teacher candidates will be able to employ a three-part learning framework and strategies for implementing the framework within their content fields. During this course, candidates will utilize varied types of print and non-print content materials in developing skills for training students in content literacy skills. Individual needs of learners will be addressed in determining the appropriateness of varied grouping strategies and comprehension activities for each learner. Directed field-based experience required.

EDUC 338. Assessing and Assisting Effective Reading in the Classroom 3 hours
This course is designed to provide future classroom teachers with knowledge of reading-related problems and their causes and to develop their abilities to use instructional strategies appropriately. Emphasis is placed on informal diagnosis and interpretation of reading abilities based on individual case studies and implications for classroom settings. Directed field-based experience is required. (EDEC/MG331 is a prerequisite and EDUC 199 is a prerequisite or corequisite. This course has a field experience component.)

EDUC 339. Fine Arts for Teachers 3 hours
This course investigates the disciplines of art, music, drama, and literature for the purpose of enhancing and integrating a creative process approach for instruction in the classroom. Emphasis is placed on applying and synthesizing the concepts of multiple intelligences in the development of classroom curricula. Directed field-based experience is required.

EDMG 345. Teaching in the Middle School 3 hours
A focus on the nature and diversity of the middle grades learner, the pedagogy appropriate for that age level, and the organization of the middle school. Included are the psychological and sociological principles and practices that aid in determining how to meet the unique educational needs of young adolescents, the history of the development of the middle school and the philosophy of education that determines the curriculum and pedagogy of the middle school. Directed field-based experience is required.

EDUC (PSY) 355. Exceptional Children 3 hours
A comprehensive introduction to the education of students with special needs. The intent of this course is to provide educators with the knowledge skills, attitudes, and beliefs that are crucial to constructing learning environments which allow all students to reach their potential. A foundational knowledge in the concepts of co-teaching and differentiated instruction will be emphasized. Directed field-based experience is required.

**EDMG 360. Practicum, 4-5 3 hours
Prerequisite: one methodology course.
A 90-semester-hour practicum for one semester, at the 4-5 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement.
**EDMG 361. Practicum, 6-8**  
Prerequisite: one methodology course  
3 hours  
A 90-semester-hour practicum for one semester, at the 6-8 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement.

**EDEC 361. Practicum, 1-3**  
Prerequisite: one methodology course.  
3 hours  
A 90-semester-hour practicum for one semester at the 1-3 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement.

**EDEC 362. Practicum, 4-5**  
Prerequisite: one methodology course.  
3 hours  
A 90-semester-hour practicum for one semester at the 4-5 grade level, performed under the combined supervision of a certified teacher and the College supervisor. Applications must be completed by the posted deadline the semester prior to placement.

**EDSE 366. Foundations and Practicum in Secondary Education**  
4 hours  
Encounters with materials dealing with the foundations of secondary schooling in the U.S., combined with four hours per week of a practicum consisting of focused observations and interactions at a nearby school. The practicum observations will be focused by the readings and discussions in the Foundations sessions; the discussions will be enhanced by the experiences in the practicum.

**NOTE: All applications for practicums must be submitted by posted deadline.**

EDSE 400/401. Facilitating Learning and Assessment I and II  
3 hours each  
Capstone courses taken as co-requisites with Apprentice Teaching I and II (EDSE 498 and EDSE 499) with emphasis on curriculum and content, facilitating student learning, creating positive learning environments for all students, formal and informal assessment, planning and instruction and professional reflection. Allows candidates to engage in a critical study of the host school and provides a culminating opportunity to discuss, model and reflect upon best practices in high school teaching. Additionally, the course encourages candidates to identify their personal strengths and weaknesses and allows them to develop positive attributes, skills and dispositions during their Apprentice Teaching.

EDUC 401. The Multicultural Classroom  
3 hours  
Examines the numerous misunderstandings that arise from cross-cultural contact, and outlines methods to help students develop improved intercultural communication skills. The course is organized to motivate students to review their beliefs about multiculturalism in general and their own cultural identity in particular. It presents an integrated multicultural model of curriculum and instruction along with practical tools prospective teachers can use and links the idea of multicultural education to the concept of effective teaching. Field experience required.

EDUC 403. American High School  
3 hours  
Examination of how secondary schools came to be as they are. Engages critical and reform studies. Reading and conversations.
EDUC 405 Exploration and Analysis of Reading Environments 3 hours
Prerequisite: EDUC 338
Proficient reading contributes to learning in academic and personal growth. It is essential that beginning teachers develop a thorough knowledge about methods and materials appropriate for teaching children to read for comprehension and enjoyment. This course enables students to synthesize their prior knowledge of the reading and writing process and to further investigate best instructional practices in a literate environment. Directed field-based experience is required.

EDSE (ENG) 440. Reading and Writing in the Content Areas 3 hours
Prerequisite: ENG 101 and 102.
Strategies, cultural issues, reflective practice, motivation, scaffolding, standards, and assessment at the secondary level.

EDMG 444/445. Intern Program 10 hours
Prerequisite: Formal application to and acceptance by the School of Education. Contact the dean for complete information. Limited to teachers provisionally certified by the state who have not earned credit for student teaching but who are currently employed by a school system and teaching on a non-renewable certificate (employment verification required) basis. This service-learning experience is based in a public school at the level and in the subject in which the T-4 certificate is sought. Interns are supervised by the employing school and the College’s School of Teacher Education, with emphasis on a formal evaluation of teaching competencies.

Passing score on Praxis I or GACE I required to register for 444. Internships may take place only within a 50-mile radius of the campus unless otherwise approved by the Dean of the School of Education. Unconditional Admission to Teacher Education required to register for 445.

EDUC 495. Educational Assessment for All Learners 3 hours
A comprehensive study of educational assessment and diagnosis, emphasizing concepts of tests and measurements, formal and informal assessments, test development and administration, and the use of diagnostic test results in planning and instruction. The history, legalities, and other ethics of assessment are also discussed. Directed field-based experience is required.

EDUC 497. Classroom Management 3 hours
Prerequisite: Admission to teacher education.
Corequisite: EDEC/MG 498, EDEC/MG 499
Review of classroom management techniques, behavioral modification, group dynamics, teacher-student interrelationships, leadership styles, peer group influences, appropriate punishment, crisis control, working with special students, student rights, teacher authority, and communication with parents and administration. Directed field-based experience is required.

EDUC 498. Senior Seminar: Reflection and Application 3 hours
Corequisites: EDUC 497, EDEC 499.
Application for graduation must be submitted when registering for this class.
Prerequisite: Admission to teacher education.
This course provides opportunities for reflection, synthesis and application of all previous School of Education courses and the Student Teaching experience. One result of this course will be the creation of the Program Portfolio documenting mastery of program outcomes.
EDMG 498. Senior Seminar: Reflection and Application  
Corequisite: EDUC 497, EDMG 499. 
Application for graduation must be submitted when registering for this class. (This does not apply to Certification Only students.) 
Prerequisite: Admission to teacher education. 
This course provides opportunities for reflection, synthesis and application of all previous School of Education courses and the Student Teaching experience. One result of this course will be the creation of the Program Portfolio documenting mastery of program outcomes. 

EDSE 498/499. Apprentice Teaching I and II  
3 hours and 6 hours 
Application for graduation must be submitted when registering for this class. 
Prerequisite: The candidate must be fully admitted to Teacher Education, have permission of the Dean of Education and undergo a criminal background check prior to Apprentice Teaching. Placement may be denied based on information obtained from these clearances. 
Corequisites: EDSE 400 and EDSE 401. 
Apprentice Teaching is a full year experience during which candidates work under the joint supervision of certified teachers in their content field and college supervisors. Placements are made at the discretion of the School of Education, as approved by the Coordinator of Undergraduate Secondary Programs, and must be within a 40-mile radius of the campus. 
Apprentice Teaching provides a culminating opportunity for candidates to observe, model and reflect upon the knowledge, understandings, skills, dispositions and other attributes of accomplished teaching evidenced in area schools. The Piedmont School of Education Conceptual Framework, Core Candidate Learning Outcomes (CCLOs), national content standards and the Georgia Systemic Teacher Education Program (GSTEP) Accomplished Teacher Framework will provide the basis for all required candidate activities and/or assignments. In addition to observing and adopting best teaching practices, candidates are expected to begin developing their own educational philosophy and personal teaching styles which are documented in a Teaching Portfolio. 

EDEC/EDMG 499. Student Teaching (K-5 for EDEC, 4-8 for EDMG)  
9 hours 
Corequisites: EDUC 497 and EDEC/EDMG 498. 
This course serves as the CAPSTONE experience for Early Childhood and Middle Grades majors. 
PLEASE NOTE: NO OTHER CLASSES THAN THE COREQUISITES CAN BE TAKEN DURING STUDENT TEACHING 
Prerequisite: The student must be fully admitted to Teacher Education and have permission of the Dean of Education. Permission to register form required. Application deadlines will be posted in the School of Education. 

Education majors should be aware that prior to student teaching they will undergo a criminal background check. Applications to student teaching may be denied based upon information presented in these background clearances. Before being hired by a Georgia Public School System, another background check including fingerprinting will be conducted by the System. 

A full semester experience during which students work full-time under the joint supervision of a certified teacher(s) and college supervisor at a level appropriate to the certification field. Student teaching placements are made at the discretion of the School of Education. Placements will be made within a 50-mile radius of the campus.
FACULTY
Professor Briggs

PHYSICAL EDUCATION (EDPE)

The department offers courses to promote the total wellness of all students. The physical, mental, emotional, social and spiritual growth of the individual is stressed in all areas.

Course Descriptions

EDPE 100. Cardiopulmonary Resuscitation (CPR) 1 hour
Information on how to deal with respiratory emergencies, such as choking, that could lead to cardiac arrest, and how to give first aid for a cardiac emergency. Participants learn skills for adults, children and infants in need of care. Meets American Red Cross Standards. Charge required for certification.

EDPE 102. Fitness Walking 1 hour
Designed to improve one’s health and fitness through fitness walking. Nutrition is discussed.

EDPE 103. Bowling 1 hour
History, rules and fundamental skills of bowling. Usage charge required.

EDPE 104. Golf 1 hour
History, rules and fundamental skills of golf. Usage charge required.

EDPE 105. Tennis 1 hour
History, rules and fundamental skills of tennis.

EDPE 107. Weight training 1 hour
Basic weight training exercise for major muscle groups; routines appropriate for developing muscular strength and endurance.

EDPE 108. Special Topics in Dance 1 hour
Course topics to be announced; offered on occasional basis; may be repeated for credit only if the topic changes.

EDPE 271. School and Community Health, P-12 3 hours
This course provides information on a comprehensive school health education program and community health program. Also, included is information on drugs, alcohol, and tobacco as related to the school and community population.

EDPE 321. Physical Education in the Elementary Schools (P-5) 3 hours
Methods and techniques of teaching physical education in the elementary grades according to developmentally appropriate practices. A focus on integrating physical education with subject areas (Language arts, math, social studies, etc.) is also emphasized. Motor learning, rhythms, developmental games and creative movement are included. Directed field-based experience is required.
R.H. DANIEL
SCHOOL OF NURSING

MISSION STATEMENT
In accordance with the mission of Piedmont College, the School of Nursing is committed to preparing professional nurses within the realm of the arts and sciences. The nursing graduate will be capable of meeting the health care needs of diverse populations being aware of religious, cultural, and ethnic differences and will work effectively within the dynamic health care system positively impacting health care in the region.

FACULTY
Professor and Dean Scott
Associate Professors Fisk and Willsea
Assistant Professors Astin, Butler, Johnson-Huff, Miller, and Starrett

NURSING
All preceding academic policies and procedures apply to the Bachelor of Science in the Nursing program except those listed below:

- Directed Independent Study
- Grading policy

The School of Nursing policies concerning the above and their application to the nursing major are described in the Nursing Student Handbook.

ADMISSION/PROGRESSION CRITERIA

Admission Criteria
Students in the prelicensure program are admitted once a year for classes beginning in the summer. Students desiring admission to the School of Nursing must meet all admission criteria as specified by the School of Nursing. Admission to Piedmont College does not guarantee admission to the School of Nursing. A separate application is required for admission to the School of Nursing, and should be received in the School of Nursing by October 15 prior to desired summer admission. Incomplete applications will not be evaluated. In addition, transfer students must include proof of admission to the college, and an official transcript of all general education courses completed must be sent to the Piedmont College Admissions office. Students will be notified of the status of their application by January 28 prior to the year of desired summer admission. Criteria for admission are as follows:

- Regular admission to Piedmont College
- Separate application to the School of Nursing
- Demonstration on a standardized examination of reading and math skills at a minimum of high school level
- Completion of all required general education courses for the nursing major; exemption of Math 101 will require students to take another math course approved by their advisor
• Minimum of “C” in all general education courses required for the nursing major; only two lab science courses may be repeated one time. Failure of more than two science courses or a second failure in any one science course results in ineligibility for admission to the School of Nursing and ineligibility to remain a nursing major.

• Completion of biology courses within the last seven years or permission of the Dean of the School of Nursing

• Minimum cumulative grade point average (CGPA) of 3.00 on general education courses required for the nursing major. A CGPA of 3.00 does not guarantee admission to the School of Nursing. Cumulative GPA calculated for admission is based only on courses required for admission to the nursing program. In instances where a course has been repeated for a higher grade, the higher grade will be counted only if the first grade is a “D” or “F.” If the initial grade is a “C” or higher, repeat grades will not be counted.

• Successful completion of a nursing admissions interview

• Documentation of the following at time of admission—
  1. current health and accident insurance
  2. current physical examination by either a licensed physician or nurse practitioner
  3. immunization including mumps, measles, rubella (MMR), and current tetanus
  4. current PPD tuberculin test or chest x-ray results for converters
  5. Hepatitis B (HBV) vaccination (preferably two of the three injections completed)
  6. current certification in CPR for health professionals
  7. successful completion of a criminal background check and drug screen.

Failure of two or more nursing courses at another school, college, or university will lead to denial of admission to the School of Nursing.

The School of Nursing maintains the right to deny admission to the program for good cause.

Students who have not completed all general education requirements may apply for admission to the School of Nursing in the fall semester prior to desired summer admission provided they complete the remaining courses by the summer semester. If all of the criteria for admission have been successfully completed, contingent admission may be offered until grades are received for the remaining coursework. Proof of completion with grades must be submitted to the Dean of the School of Nursing prior to the first day of orientation to the nursing program.

**General Education Requirements:**
See Page 65

Once a student is accepted in the School of Nursing, a deposit to be specified by the School of Nursing will be required to hold that student’s place in the School. When the student registers for the summer semester, this deposit will be credited to the student’s tuition.

**Enrollment Limitations**
In order to provide clinical practicum sites and faculty supervision, enrollment limitations may be necessary. Students with the highest cumulative grade point averages (CGPA), therefore, will be given preference for admission. Any applicant not admitted, or accepted
students who decide not to enter the program, may reapply for admission. Each application for admission will be evaluated as a new application; seats are not held by the School of Nursing from one application period to the next. Prior admission to the School of Nursing does not guarantee admission in subsequent years.

**Progression Criteria**

Students must meet the following criteria in order to progress in the nursing program:

1. The progression policies of the college
2. The performance standards of the School of Nursing
3. A minimum of “C” in all nursing courses must be maintained as well as a satisfactory in all clinical/lab assignments. Only one nursing course may be repeated throughout the curriculum. Failure (i.e., grade below “C”) of more than one nursing course or a second failure of a course constitutes dismissal from the program with no consideration for readmission.
4. Satisfactory completion of standardized exams (See School of Nursing Student Handbook).
5. Passage of a medication administration exam each fall semester at 100%. Inability to pass a medication administration exam at 100% will prevent student attendance at clinical practicums and will lead to failure of clinical courses
6. Results of a yearly PPD tuberculin test or chest x-ray results for converters
7. Proof of certification in CPR for health professionals must be current
8. A random drug screen may be required on the basis of “reasonable suspicion” (See School of Nursing Drug Screening Policy in the School of Nursing Student Handbook).
9. Demonstration of professional conduct and ethical behavior:
   - Interacts in a professional, cooperative way with faculty, staff, and peers; treating all others with dignity and respect
   - Is regular and prompt in attendance; Meets deadlines and gets assignments on time
   - Demonstrates a strong knowledge base and seeks to improve competence through continued learning
   - Models correct use of oral and written standard English
   - Keeps current on developments in the nursing profession
   - Exhibits enthusiasm in teaching and learning
   - Demonstrates a strong personal moral code and sound character exemplified by honesty, fairness, courage, dependability, and generosity worthy of respect and trust in accordance with the Honor Code
   - Demonstrates emotional stability while performing patient care in the clinical setting
   - Does not violate civil and criminal laws or the Piedmont College student conduct code
   - Models the philosophy and mission of the School of Nursing
In addition, during all clinical experiences the student will:

- Exhibit a caring attitude toward clients, recognize their primary responsibility to clients and protect their privacy, health and safety;

- Maintain an association with nursing faculty, staff and students both inside and outside the classroom, which includes maintaining appropriate relationships, communication, and physical contact, and avoiding situations that might be perceived as inappropriate;

- Keep client information confidential. Breach of confidentiality will result in dismissal from the School of Nursing.

**Readmission Criteria**

Students who have failed one nursing course or who have withdrawn from a nursing course during an academic term must reapply for readmission to the School of Nursing to repeat the course that was dropped or failed. Students may not progress until they have successfully completed both the didactic and clinical portion of the dropped or failed course. The following criteria must be met:

1. New application to the School of Nursing with a cover letter requesting readmission to the School of Nursing

2. Successful demonstration of specified skills as determined by course coordinator

3. Pass a medication administration exam at 100%

4. Audit nursing courses as selected by the School of Nursing faculty

All nursing courses must be completed within a four-year period of time. Absence from nursing courses for more than one academic year will require validation of previous learning and skills as determined by the School of Nursing faculty. The School of Nursing reserves the right to determine applicants’ re-entry status and placement in the curriculum depending on validation results.

**Graduation Requirements**

Students must meet the graduation requirements for Piedmont College and the R. H. Daniel School of Nursing. Graduation requirements for the R.H. Daniel School of Nursing are outlined in the School of Nursing Student Handbook.

Procedures for application for graduation are listed in the Piedmont College catalog.

**Licensure**

Licensure to practice as a registered nurse is granted by the Board of Nursing in the state in which one wishes to practice. Successful completion of the National Council Licensure Examination for Registered Nurses (NCLEX-RN) is required as one of the components of the licensure process before registered nurse status can be granted by a Board of Nursing. An application to take this examination (NCLEX-RN) is completed by the applicant upon graduation from a nursing program. Applicants with any civil or criminal convictions greater than a traffic violation must declare such convictions on the application. Convictions will be acknowledged by the state Board of Nursing and appropriate documents relating to such may be requested by the Board or Secretary of State's Office.
ADMISSION/PROGRESSION CRITERIA FOR REGISTERED NURSES

Students desiring admission to the RN to BSN program must meet all admission criteria as specified by the School of Nursing. Admission to Piedmont College does not guarantee admission to the School of Nursing. A separate application is required for the School of Nursing for admission and should be received by the following dates:

• For Fall semester – July 15th
• For Spring semester – October 15th
• For Summer semester – March 15th

Admission criteria are as follows:
• Regular admission to Piedmont College
• Separate application to the School of Nursing
• Unencumbered Georgia nursing license
• Graduation from an accredited nursing program
• Meet testing requirements as listed below:
  • 0-4 years after graduation - No testing required/no clinical practice required
  • > 4 years after graduation with 1000 clinical practice hours in previous 3 years – No testing required
  • > 4 years after graduating with < 1000 clinical practice hours in previous 3 years – testing required.
  • Graduates of non-accredited programs – testing required

Before full admission to the program, all nursing applicants must successfully complete a criminal background check and drug screen.

Enrollment Limitations
Enrollment limitations also apply to registered nurse students. Please refer to previous section on enrollment limitations.

Progression Criteria
Registered nurse students must meet the same progression criteria as stated for all undergraduate students. Please refer to previous section on progression criteria.

Readmission Policy
The Readmission Policy for registered nurses is the same for all undergraduate nursing students. Please refer to the section on readmission.
General Education Requirements for RN-BSN:
The following are the general education requirements for the RN-BSN degree. These include transfer credit accepted by Piedmont College.

- 16 hours of laboratory science
- 3 hours of statistics
- 6 hours of foreign language
- 6 hours of history or 3 hours of history and 3 hours of political science
- 3 hours of college algebra or higher math
- 3 hours of public speaking
- 3 hours of sociology or anthropology
- 3 hours of art, music or theater 100
- English 101 and 102
- 6 hours of psychology

NOTE: Non-nursing classes may be taken concurrently with nursing classes

Nursing Classes:
A minimum of 25 semester/42 quarter hours of nursing credit will be held in escrow until the baccalaureate candidate has demonstrated prior nursing knowledge by successfully completing 6.67 semester/10 quarter hours of nursing credit.

All nursing courses except NUR 420, Nursing Research, meet 3 times per semester and are taught via CD-ROM. Nursing Research is taught live.

Curriculum
N 350 Foundations of Professional Nursing (3/3/0)
N 324 Issues in Nursing (2/2/0)
N 420 Research in Nursing (3/3/0)
N 332 Population focused Community Health Nursing (4/3/3)
N 451 Leadership and Management (3/2/3)
N 458 Role Synthesis Practicum (3/1/6)

Electives: (Pick 2)*
N 441 Evidence Based Practice (3/3/0)
N 365 Disaster Nursing (3/3/0)
N 361 Nursing Pharmacology (3/3/0)
N 398 Geriatric Nursing (3/3/0)
N 395 Cross-cultural Health (3/3/0)
N 323 Health Assessment (4/3/3)

* RNs with no Health Assessment course in transfer credit will be required to take N 323 or challenge the practical final

Total hours required for graduation = 120

The RN student will be required to complete no more than 37 semester/56 quarter additional hours for graduation and no more than 133 semester/200 quarter total hours for the baccalaureate degree.
Course Descriptions

Course Descriptions

N-200
Transition to Nursing (2/2/0) *
Addresses study/test taking skills, time management, and the relationship of the general education courses to the nursing profession. Emphasizes critical thinking and problem solving skills.

N-311
Conceptual Foundations of Professional Nursing (4/4/0)
Prerequisites: Satisfactory completion of all General Education courses required for the nursing major
Corequisites: N-312
Focus is on the basic concepts and dimensions that support health and professional nursing. Interdisciplinary relationships among nurses, nursing roles, clients and culture, health and the health care system are explored. Basic human functions of sleep, stress, nutrition, and sexuality are examined with emphasis on the nursing process to promote client movement toward optimal health and functioning.

N-312
Foundational Nursing Skills (6/4/6)
Prerequisites: Satisfactory completion of all General Education courses required for the nursing major
Corequisites: N-311
Introduces the basic cognitive and psychomotor skills essential for professional nursing practice, including laboratory practice of those skills with return demonstration.

N-322
Health Care Across the Lifespan I (6/4/6)
Prerequisites: N-311, N-312
Corequisites: N-323, N-324
Focus is on the effects of health problems of individuals across the lifespan with problems and concepts specific to altered sensorium, movement and coordination, blood and body fluids, anemias, immune response, pain and the gastrointestinal system. Strategies that promote and maintain a healthy lifestyle are examined. Emphasis is on the nurse’s role in planning, implementing, and evaluating strategies that promote client movement toward optimal health and functioning.

N-323
Health Assessment (4/3/3)
Prerequisites: N-311, N-312
Corequisites: N-322, N-324
For RN-BSN:
Prerequisites: Admission to School of Nursing
Corequisites: N-350, N-360
Presents a comprehensive approach to health assessment. Techniques for the assessment of individuals across the lifespan are addressed.
N-324/424
Issues in Nursing (2/2/0)
Prerequisites: N-311, N-312
For RN-BSN:
Prerequisites: N-350
Explores current issues impacting nursing and the health care system. The nurse’s role related to these issues is discussed.

N-330
Health Care Across the Lifespan II (6/4/6)
Prerequisites: N-322, N-323, N-324
Corequisites: N-331, N-332
Examines the effects of health problems on individuals across the lifespan with alterations in regulation and metabolism, problems of protection, ventilation and excretion, concepts of the surgical experience, abnormal cell growth, and reproductive health. Strategies that promote and maintain a healthy lifestyle are examined. Emphasis is on the nurse’s role in planning, implementing, and evaluating strategies that promote client movement toward optimal health and functioning.

N-331
Family Nursing (5/3/6)
Prerequisites: N-322, N-323, N-324
Corequisites: N-330, N-332
Provides a comprehensive approach to the study of the childbearing family. Childbearing and child development are emphasized. The nurse’s role in assisting families toward optimal functioning is stressed.

N-332
Population Focused Community Health Nursing (4/3/3)
Prerequisites: N-322, N-323, N-324
Corequisites: N-330, N-331
Explores the concepts of and strategies for disease prevention and health promotion that are needed to improve the health of individuals, families, communities and selected populations. Addresses global factors impacting health care. The nurse’s role in the promotion of population health is emphasized.

N-350 (RN-BSN ONLY)
Foundations of Professional Nursing (3/3/0)
Prerequisite: First class in RN to BSN Program
Corequisites: Current unencumbered Georgia RN Licence; and Admission to the School of Nursing
Examines the conceptual foundation of professional nursing practice. The interrelationships of clients, health care, the health care system, and professional practice are investigated. Role expectations and responsibilities of the professional nurse are also addressed. This course is opened to Registered Nurses only.
N-361
Pharmacology (3/3/0)
Prerequisite: NUR-350
Corequisite: NUR-323
RN to BSN Program: The goal of this course is to provide the student with the basic introduction to the study of drugs, including the mechanism of action and therapeutic roles in treating disease.

N-365
Disaster Nursing (3/3/0)
Prerequisite: NUR-350 or NUR-332
RN to BSN Program: Explores the role of the nurse in disaster preparedness, planning, mitigation, recovery and evaluation for natural and man-made disasters.

N-395
Cross-Cultural Health (3/3/0)
Prerequisite: Successful completion of junior level courses in major or permission of instructor
Focus is on health care practices and beliefs in a variety of cultures that impact the health care system. Political, economic, and geographic factors affecting health care are addressed.

N-398
Care of the Geriatric Population (3/3/0)
Prerequisites: Successful completion of junior level courses in selected major or permission of instructor.
Provides for core knowledge in gerontology care. Emphasis is on the changes that occur with aging and on geriatric issues of health care, health, and wellness. Common geriatric disorders are introduced.

N-420
Research in Nursing (3/3/0)
Prerequisites: Successful completion of all Junior Level nursing courses
Prerequisites for RN-BSN: N-323, N-350, N-360
Highlights the research process, the use of research in nursing, and the nurse as a consumer of research. Introduces the concept of evidence-based practice.

N-425
Nursing of Acute and Chronic Mental Health Conditions (5/3/6)
Prerequisites: Successful completion of all Junior Level nursing courses
Corequisites: N4-20, N-426
Explores the foundational concepts of mental health nursing and examines acute and chronic mental health conditions in individuals across the lifespan. Focuses on strategies that promote an optimal level of functioning. The nurse’s role in mental health nursing is emphasized.
N-426
Health Care Across the Lifespan II (5/3/6)
Prerequisites: Successful completion of all Junior Level nursing courses
Corequisites: N-420, N-425
A continuation of the health care across the lifespan series. Addresses the role of the nurse caring for the client with cardiac/circulatory, immune/autoimmune, and neurological alterations and those with cancer. Emphasizes utilization of critical thinking and problem solving skills.

N-430
Nursing Care of the Complex Client with Multiple Problems (5/3/6)
Prerequisites: N-420, N-425, N-426
Corequisites: N-431, N-432
This course emphasizes synthesis of previous knowledge gained in Health Care Across the Lifespan I, II, and III. The nurse’s role in the care of the critical complex client is emphasized. Utilization of critical thinking and problem solving skills are stressed.

N-431
Nursing Leadership and Management Capstone (4/3/3)
Prerequisites: N-420, N-425, N-426
Corequisites: N-430, N-432
Application for graduation must be submitted when registering for this class. Examines selected theories, styles, roles, and functions in leadership and management. The role of the nurse as a leader/manager in the health care arena is explored. Clinical application of theoretical knowledge will occur in N432 for non-RN-BSN students.

N-432
Clinical Internship (3/0/9)
Prerequisites: N-420, N-425, N-426
Corequisites: N-430, N-431
Allows for application of nursing knowledge in an approved clinical setting. Provides for synthesis and refinement of nursing skills required for entry into professional practice.

N-441
Evidence-Based Practice (3/3/0)
Prerequisite: N-420
Explores the basics in identifying and utilizing evidence-based nursing practice.

N-451
Nursing Leadership and Management
RN-BSN Only (3/2/3)
Examines selected theories, styles, roles, and functions in leadership and management. The role of the nurse as a leader/manager in the health care arena is explored. Clinical application of theoretical knowledge will occur in N432 for non-RN-BSN students.

N-458
Role Synthesis practicum capstone (3/1/6)
Capstone RN-BSN
Application for graduation must be submitted when registering for this class. Allows for application of nursing knowledge in an approved clinical setting though the use of preceptors. The course is designed to provide for synthesis and refinement of nursing skills required of the BSN graduate including research and leadership.
N-490
Special Topics in Nursing (1-5)
Prerequisites: N-313, N-350, N-360
Corequisites: N-420
Focuses on an in-depth exploration of a particular topic in nursing. Utilization of various methods of research will be employed. This course is open to registered nurses only or by special permission of the Dean of the School of Nursing

*(Credit Hours/Classroom Hours per Week/Clinical Practicum Hours per Week)
Mission and Purpose
The primary purpose of graduate studies at Piedmont College is to provide opportunities for dedicated students who have completed a baccalaureate and/or advanced degree to pursue the mastery of an area of learning and to develop the qualities of scholarship and academic discipline necessary to provide creative contributions to their chosen field of work or interest.

Graduate Student’s Responsibility
Graduate candidates must assume full responsibility for knowledge of the policies, rules and regulations of Piedmont College and of schools and departmental requirements concerning their individual programs.

Degrees and Programs
Piedmont College offers the following options for applicants to graduate studies:

1. Education Doctorate (Ed.D.)

2. Education Specialist degree (Ed.S.) in Teaching and Learning.

3. Master of Arts in Teaching (M.A.T.) for applicants seeking initial certification as teachers in the following fields:
   a. Early Childhood Education (P-5);
   b. Secondary Education (grades 6-12) in the fields of English, history, math, and broadfield science (science courses may be offered in Demorest only);
   c. Special Education General Curriculum (Athens Campus only);
   d. Music Education (P-12) Demorest campus only; and
   e. Art Education (P-12) Demorest campus only.

4. Master of Arts (M.A.) for certified teachers seeking advanced degrees or seeking to change teaching fields to:
   a. Early Childhood Education (P-5);
   b. Middle Grades Education (4-8) (science courses may be offered in Demorest only)
   c. Secondary Education (grades 6-12) in the fields of English, history, math, and broadfield science (science courses may be offered in Demorest only);
   d. Special Education General Curriculum (Athens Campus only);
   e. Music Education (P-12) Demorest campus only; and
   f. Art Education (P-12) Demorest campus only.

5. Post-Baccalaureate Programs (non-degree certification only) not leading to a degree are limited courses of study designed for applicants seeking to be certified as teachers.

Piedmont College offers Middle Grades Education (grades 4-8) and Drama Education (grades K-12) as post-baccalaureate programs. All Middle Grades concentrations are available on the Demorest campus. Language arts, math and social studies concentrations are available on the Athens Campus. Science Education and Drama Education is available on the Demorest campus only.
Note: If an applicant has a master’s degree in any field, the applicant may apply for certification in any area in education offered by the School of Education, Piedmont College. For more information, contact the Office of Graduate Admissions.

Applicants who wish to apply for a post-baccalaureate program apply using the graduate application. All documents for these programs are processed through the Office of Graduate Admissions.

6. Master of Business Administration (M.B.A.) for applicants seeking an advanced degree in business administration with the following specialty tracks:
   a. Managerial Leadership
   b. Accounting and Financial Management
   c. Health Care Management (Athens only for specialty courses)

7. Non-degree Graduate (NDG) status is available for applicants who wish to take undergraduate or graduate level courses for personal or professional enrichment. No more than six semester hours may be taken as a non-degree graduate student. Applicants who wish to enroll in more than six semester hours as a non-degree graduate student must apply for permission from the Vice President of Academic Affairs.

   The non-degree graduate student must meet prerequisite course requirements for any course taken. Non-degree graduate students are not assigned an academic advisor and are allowed to register for courses on a space-available basis where size limitation is a concern.

   Courses taken as a non-degree graduate student may not be applied to a degree until the applicant has completed the admissions requirements for that degree including any required admissions test. These courses will be evaluated by the Registrar and the program director or chair. Policies regarding transfer courses will apply.

   Tuition for undergraduate courses taken as a non-degree graduate student is charged at the undergraduate tuition rate. Tuition for graduate courses taken as a non-degree student is charged at the graduate tuition rate.
GRADUATE APPLICATION
REQUIREMENTS

Each degree or status has unique application requirements and admission criteria. Please consult the following pages and the appropriate catalog section describing the degree for the application requirements.

1. **Education Doctorate** (Ed.D.): In order to be eligible to apply, the applicant must have at least a Master’s degree with a 3.5 cumulative GPA from a regionally accredited college or university, and four or more years of verified teaching experience at a public or private school accredited by the Southern Association of Colleges and Schools (SACS) or the Georgia Accrediting Commission Inc. (GAC.) at the Accredited with Quality (AWQ) or Accredited (ACC) level. *

Applicants with an Ed.S. degree from Piedmont College must also submit:

a. Completed Graduate Application  
b. Non-refundable application charge ($50)  
c. Two professional references from the applicant’s Piedmont College Ed.S. instructors  
d. Two additional annual evaluations combined with two previous annual evaluations submitted with the Ed.S. application, which will verify four years of professional experience  
e. Professional Activities Resume  
f. Copy of valid professional certificate at the appropriate level  
g. Official test score from the GRE General Test  

The target GRE score is 1100 for the combined Verbal and Quantitative Sections, and a 4.0 on the Analytic Writing section  

Test scores are not the sole criteria. Applicants with scores lower than the target may apply, but will need to demonstrate stronger evidence of the ability to complete doctoral courses and independent research in other areas.

h. Personal Affirmation Form

Applicants with a Master’s degree must also submit:

a. Completed Graduate Application  
b. Non-refundable application charge ($50)  
c. Official transcripts from every undergraduate and graduate college or university attended  
d. Three Professional References, one each from  
   1. supervisor  
   2. former professor or instructor  
   3. professional colleague  
e. Four Annual Evaluations  
f. Professional Activities Resume  
g. Letter of Intent  
h. Copy of valid professional certificate at the appropriate level  
i. Official test score from the GRE General Test
The target GRE score is 1100 for the combined Verbal and Quantitative Sections, and a 4.0 on the Analytic Writing section.

Test scores are not the sole criteria; applicants with scores lower than the target may apply, but will need to demonstrate stronger evidence of the ability to complete doctoral courses and independent research in other areas.

j. Personal Affirmation Form

2. **Education Specialist** (Ed.S.): Eligibility for application requires a master’s degree with a 3.5 cumulative GPA from a regionally accredited college or university and two or more years of verified successful teaching experience at a public or a private school accredited by the Southern Association of Colleges and Schools (SACS) or the Georgia Accrediting Commission Inc. (GAC) at the Accredited With Quality (AWQ) or Accredited (ACC) level. *

Applicants must also submit:

a. Graduate Admissions Application  
b. The application charge of $30 (non-refundable); after the published application deadline the charge will be $100  
c. All official, final and sealed transcripts from every college attended for both bachelor’s and master’s degree  
d. Three professional references on Piedmont College Graduate Admissions forms received from the following sources: supervising administrator, a former professor or instructor, and a fellow professional educator  
e. Test score from either the GRE General Test (GRE) or Miller Analogies Test (MAT)  
   [Not required for graduates of Piedmont College M.A. or M.A.T. program]  
f. Copy of valid professional certificate at the appropriate level  
g. Letter of Intent  
h. Professional Activities Resume  
i. Verification of Professional Experience (two years)  
j. Personal Affirmation Form

3. **Master of Arts in Teaching** (M.A.T.): Eligibility for application requires a bachelor’s degree with a 2.5 cumulative GPA from a regionally accredited college or university.

Applicants must also submit:

a. Graduate Admissions Application  
b. The application charge of $30 (non-refundable); after the published application deadline the charge will be $100  
c. All official, final and sealed transcripts from every college attended  
d. Three professional references on Piedmont College Graduate Admissions forms  
e. Official Test score from either the GRE General Test (minimum 800 on verbal and quantitative sections) or Miller Analogies Test (minimum 374 scaled score)  
f. Personal Affirmation Form  
g. Verified Background Check  
h. For Art Education, applicants must have complete an art degree at the undergraduate level. Any exceptions must be approved by the Art Department Chair based upon a portfolio of past work.
i. For Music Education, applicants must have completed a music degree at the undergraduate level. Any exceptions must be approved by the Music Department Chair.

4. **Master of Arts** (M.A.): Eligibility for application requires a bachelor’s degree with a 2.5 cumulative GPA from a regionally accredited college or university and a valid professional teaching certificate. *

Applicants must also submit:

a. Graduate Admissions Application  
b. The application charge of $30 (non-refundable); after the published application deadline the charge will be $100  
c. All official, final and sealed transcripts from every college attended  
d. Three professional references on Piedmont College Graduate Admissions forms received from the following sources: supervising administrator, a former professor or instructor, and a fellow professional educator  
e. Official Test score from either the GRE General Test (minimum 800 on verbal and quantitative sections), or Miller Analogies Test (minimum 374 scaled score), or completed Professional Admissions Option **  
f. Copy of valid professional certificate at the appropriate level  
g. For Art Education, the art department chair must approve a portfolio of past work before acceptance  
h. For Music Education, the music department chair must approve a video taped or live audition before acceptance.  
i. Personal Affirmation Form  

** Teachers using this option must have taught three out of the past five years with a professional teaching certificate in an accredited public school or private school [SACS or GAC (top two levels)] verified and submitted with the professional admissions form.

5. **Post-Baccalaureate in Middle Grades Education** and **Post Baccalaureate in Drama Education**: Eligibility for application requires a bachelor’s degree with a 2.5 cumulative GPA from a regionally accredited college or university.

Applicants must also submit:

a. Graduate Admissions Application;  
b. The application charge of $30 (non-refundable); after the published application deadline the charge will be $100;  
c. All official, final and sealed transcripts from every college attended;  
d. Three professional references on Piedmont College Graduate Admissions forms; and  
e. Personal Affirmation Form  
f. Verified Background Check  

* These programs do not lead to a recommendation for a Georgia Teaching Certificate. Holders of out-of-state certificates should contact the Georgia Professional Standards Commission for reciprocity rules.
6. **Master of Business Administration** (M.B.A.) Eligibility for application requires a bachelor’s degree with a 2.75 cumulative GPA from a regionally accredited college or university. The bachelor’s degree may be in any field, including business. *

Applicants must also submit:

- a. Graduate Admissions Application;
- b. Application charge of $30 (non-refundable) after the published application deadline the charge will be $100;
- c. All official, final and sealed transcripts from every college attended;
- d. Three professional references on Piedmont College Graduate Admissions forms;
- e. Official test score at acceptable level from GRE, MAT, or GMAT;
- f. Professional resume; and
- g. Current job description

* Non-business majors applying for the M.B.A. degree may be required to take certain prerequisite courses as part of their program of study. Prerequisite courses, if required, are determined by the M.B.A. advisors at the time of submission of the application and accompanying undergraduate transcripts.

6. **Non-Degree Graduate** (NDG): Eligibility for application requires a bachelor’s degree from a regionally accredited college or university.

Applicants must also submit:

- a. Graduate Admissions Application
- b. The application charge of $30 (non-refundable); after the published application deadline the charge will be $100
- c. Official, final and sealed transcripts from most recent degree
- d. Personal Affirmation Form (education only)

Note: If a non-degree graduate student selects a course offered by the School of Education that requires field experience, the non-degree graduate student must receive approval of the Dean of the School of Education before registering for the course.

**ADMISSIONS, GRADUATE**

Application for graduate studies is open to any person who has successfully completed in good standing the appropriate degree from a regionally accredited institution. Application packets for admission to graduate studies may be secured from the Office of Graduate Admissions or from the college website (www.piedmont.edu). Prospective students are urged to submit completed application packets as early as possible before the application deadlines. (See Section “Application Deadlines” for specific dates for each degree.)

All documents submitted for admission to Graduate studies become the property of Piedmont College and will not be returned. No undergraduate course may be used for graduate credit, but may be required as a program prerequisite. If application requirements cannot be completed by the deadline date, the applicant may request to be considered for acceptance in the next semester. Requests should be made directly to the Office of Graduate Admissions.
Note: Applicants who wish to apply for a second Master’s degree at Piedmont College must submit a written letter of intent justifying the application. All statements are reviewed.

**International Admission for Graduate Students**

An International student is defined as a student who is a non-U.S. citizen. Piedmont College welcomes international students in the graduate programs and degrees. International students are urged to complete the application file at least one month before the semester application deadline due to additional required documents for acceptance consideration.

In addition to the application requirements for the degree described in the catalog, the following special admission documents must be submitted before an international student will be allowed to enroll.

1. All official, final, and sealed transcripts from colleges that you have attended. Transcripts from foreign schools must be received by Piedmont College in English. Transcripts must also clearly state degree equivalency. Applicants must obtain an evaluation utilizing the services of an acceptable evaluating service such as:

   - World Education Services, Inc.
   - P.O. Box 745
   - Old Chelsea Station
   - New York, NY 10113-0745

   - Education Credentials Evaluators, Inc.
   - P.O. Box 17499
   - Milwaukee, WI 53217

2. All applicants whose primary language is other than English must have a minimum TOEFL score of 550 (or computer-based equivalent score of 213). Non-U.S. citizens and immediate family members who are members of allied military forces or civilian agencies who make application to Piedmont College are exempt from TOEFL scores, provided their proficiency in English is certified in writing by an appropriate U.S. military official.

3. International students must submit a financial statement showing sufficient availability of funds and the source of these funds for one year of graduate studies. Before an I-20 can be issued for an admitted international student, the student must place on account with the College an amount equal to the first year’s tuition, room and board, book charges and funds for return air fare to his/her home country.

4. All tuition and charges must be paid in U.S. dollars at the beginning of each semester.

5. All international students will be assessed a one-time charge of $100.00 which will be added to the first semester tuition charges to recover special international admission processing costs.

**Fast Track Admissions: Music Education; Art Education; and Dual-Degree Candidates in Secondary Education**

Applicants for Master of Arts in Teaching who are currently seniors at Piedmont College and will graduate with a bachelor’s degree in English, history, math, science, music, or art may apply for “fast-track” admissions, providing they supply the following:

1. Completed graduate application

2. Completed prerequisite courses as determined by chair of the appropriate department

3. Minimum of 3.0 cumulative GPA
4. Written recommendation of the undergraduate academic advisor

5. The application charge of $30 (non-refundable); after the published application deadline
the charge will be $100

6. Personal affirmation Form

7. Verified background check

**Fast Track Admissions: M.B.A.**

The fast-track option for admission to the M.B.A. is available to an applicant who has completed the bachelor’s degree in business at Piedmont College no more than one semester prior to the application to the M.B.A.. The applicant must have a minimum 3.0 cumulative GPA, and must submit a reference from the undergraduate academic advisor as one of the three required professional references. The admissions test (GRE, Miller Analogies Test, or GMAT) is waived. All other requirements for acceptance to the M.B.A. must be met.

**Transfer Applicants**

Transfer applicants accepted in an approved graduate program from recognized and regionally accredited graduate schools are not required to take the admissions test (GRE, MAT, or GMAT) provided they meet the following requirements:

1. Applicants must have taken six or more graduate semester hours and earned a grade of “B” or better in each course;

2. Applicants must be in good standing at their institution. Evaluation of transfer credits is determined by the Registrar’s Office and the chair of the degree program.

**Application Deadlines**

It is the applicant’s responsibility to complete the application process in a correct and timely manner and to determine whether materials have been received by the Office of Graduate Admissions. Incomplete applications will not be processed.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
</tr>
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<tbody>
<tr>
<td>Fall semester</td>
<td>July 1</td>
</tr>
<tr>
<td>Spring semester</td>
<td>December 1</td>
</tr>
<tr>
<td>Summer semester</td>
<td>April 15</td>
</tr>
</tbody>
</table>

Application deadlines for the M.A. and Ed.S. degree delivered in cohort locations may vary from the deadlines listed above. Contact the Office of Graduate Admissions at 1-800-277-7020 ext 1181 or 1118 for specific information.

Note: International applicants should submit all required application documents as early as possible but no less than one month in advance of the deadlines above in order to allow adequate time for required international documents and forms to be completed. For questions concerning International Admission, please call the Office of Graduate Admissions.

**Academic Conditional Acceptance**

On occasion, it may be appropriate to grant academic conditional acceptance to a prospective graduate student. Academic conditional acceptance may be granted upon approval of the dean of the school and the appropriate program director or department chair. Applicants granted academic conditional acceptance must meet the conditions within the specified time. Academic progress of the conditionally accepted applicant will be monitored each semester.
Failure to meet the conditions will result in the student’s dismissal from the program. No academic conditional acceptances are granted in either the Education Specialist or Education Doctorate degree programs.

**Admissions Appeal**
An applicant who is denied admission may appeal to the Graduate Studies Council. The appeal must be made in writing to the Council within 30 days from the date of refusal on the admissions letter. A form for appeal may be obtained from the Office of Graduate Admissions.

**Transfer Credit**
An applicant enrolled in a recognized and regionally accredited graduate school may transfer a maximum of six semester hours to a degree or certification program with the approval of the Registrar and the appropriate program director, department chair, or dean. Transfer credit is not automatic. The transfer credit must be appropriate to the applicant’s planned program and carry a grade of at least “B.” Credit for graduate course work at Piedmont College or any other institution will be honored for a period of six years from the date of course completion. **However, no course may be older than six years at the time of graduation.** Piedmont College does not accept transfers for Capstone or Orientation in the School of Education Program. No credit is allowed toward graduate degrees for courses taken by correspondence or through Professional Learning Units (PLUs). No transfer credit may be applied to the Ed.S. degree.

Note: The six-year rule is applied at the end of the semester (i.e. a fall 2001 course expires at the end of the fall 2007 semester).

**Special Considerations:** Piedmont College makes every effort to provide reasonable and appropriate accommodations to students with disabilities. Accommodations must be coordinated through the Office of Counseling and Career Service by contacting the director at 1-800-277-7020, ext. 1259 or by e-mail at kcutrell@piedmont.edu. Students are responsible for providing accurate and current documentation of their disability and for making a written request to the Director Counseling and Career Services before receiving accommodations. Students with special needs (disabilities, problems, or any other factors that may affect their performance or that require special instructional strategies) should also make these needs known to the professor/instructor during the first class session.

**Academic Advisors**
Upon acceptance to Piedmont College, all degree and certification students are assigned an academic advisor. The advisor monitors the student’s academic progress and must sign all registration and drop/add forms. Non-degree graduate students may be assigned an advisor upon request.

**Grades**

**Computation**
The quantitative and/or qualitative basis and procedures by which grades are computed are included in each course syllabus.

A complete report of academic achievement is furnished to the student only at the end of each semester.
Other grades are as follows:

- W Withdrawal
- WF Withdrawal Failing
- AU No Credit
- I Incomplete
- IP In Progress
- NR Not Reported
- NS No Show

**Incomplete**

For reasons such as illness or other extenuating circumstances, a student may receive an Incomplete “I” upon the approval of the course instructor and the dean of the appropriate school. Assignment of an Incomplete grade is appropriate only when a substantial amount of work (at least one-half) in the course has been completed. A request for Incomplete grade is not appropriate until after the official date for withdrawal without academic penalty has passed. Application forms may be obtained from the Registrar’s Office. Failure to remove the “I” by the end of the next semester (if the student continues to be enrolled) at Piedmont College will result in an “F.” For students who do not return to Piedmont College, the “I” must be removed within one calendar year or the “I” will be changed to an “F.”

**In Progress**

Assigning an In-Progress grade “IP” is at the discretion of an instructor. Eligible courses are available from the individual school. Failure to remove the “IP” by the end of the next semester enrolled at Piedmont College will result in an “F.” For students who do not return to Piedmont, the “IP” must be removed within a calendar year or it changes to an “F.”

**Grade Appeals**

Students who wish to dispute a final grade and are prepared to present evidence to support a grade appeal must initiate the procedure by speaking first with the instructor who assigned the grade in question. If there are no errors in the computation of the grade or other substantial evidence to support an appeal, the student is encouraged to accept the grade assigned. However, in cases where there are substantial grounds for a review of the grade and a resolution cannot be reached between the student and the instructor, the student has the following recourse:

1. Within two weeks of the beginning of the term following the one for which the grade was posted, the student must submit to the appropriate department chair or program director a letter of appeal with evidence supporting the need for an external review of the grade in question. A form, which describes the supporting material required, is available from the academic deans offices. The department chair or program director will review the student’s material and consult with the instructor before deciding if the assigned grade should stand. The department chair or program director must provide a written response to the student with a copy to the school dean.

2. If a student does not accept the decision of the department chair or program director, there is one additional level of appeal. The student may submit documentation to the appropriate academic dean (in the school where the course was taught) who will determine if new information or insufficient consideration of the student’s case merits further review of the assigned. The dean’s decision to proceed or not to proceed will be final in all cases.
3. If the dean determines that further review is warranted, the dean will review the material and consult with the student and the instructor. The dean may exercise discretion to consult other faculty or students who can provide relevant information. The dean’s decision will be final.

4. The entire appeal process must be completed within four weeks of the date the grade was appealed.

5. When the dean, department chair or program director is the teacher of record, the dean will substitute for the department chair and the vice president for academic affairs will replace the dean.

Grade Changes

Grades reported to the Registrar and recorded shall not be changed except under the following specified circumstances:

1. A written statement by the instructor that the grade recorded was a factual error;
2. Change of grade of “I” or “IP,” as previously outlined;
3. Recommendation by the dean of the school in which the student is enrolled.

Drop/Add and Course Withdrawal

The drop/add period is the first five days of Fall and Spring semesters and the first three days of Summer semester. During this time students may drop and add courses with the permission of their advisor. After the initial drop/add period, a student may withdraw from a class by completing a drop/add form which must be signed by the advisor and the professor. The professor must fill in the last date of attendance on the drop/add form.

Students who withdraw from a course on or prior to the date noted in the College’s official calendar as the “last day to withdraw without receiving academic penalty” shall receive a “W” for the course and the hours will not be counted in the calculation of GPA. Students will still have to pay for the course and the hours do count against Hope eligibility. Classes dropped after this date will result in a grade of “WF” and the hours will be counted in the calculation of GPA.

Students may not add an 8-week class after the first class meeting has been held.

NOTE: Before dropping or adding a class cohort students must have the approval of the Cohort Coordinator.

Withdrawal From College

Students who withdraw from the College must complete the necessary withdrawal forms provided by the Registrar. Under extenuating circumstances, the Vice President for Academic Affairs may approve a withdrawal for medical reasons.

Students who withdraw from all courses at Piedmont College after the last day to drop a course without receiving a “WF” shall receive a “W” or a “WF” based on the work done in each course at the time of withdrawal.

NOTE: Before dropping or adding a class cohort students must have the approval of the Cohort Coordinator.
Auditing Courses
A graduate student who wishes to audit a course must register for the course and pay the established tuition rate. Audited courses are subject to the same registration and drop/add policies as courses taken for credit. Credit courses may not be changed to audit status or vice versa once the initial drop/add period is over. Students who wish to receive credit for courses in which they were registered as auditors must repeat the course for credit. Courses taken on an audit basis cannot be used for certification or financial aid, Social Security, Veterans Administration benefits, or athletic eligibility, or to meet program requirements.

Study Load
A full-time study load for graduate students is nine semester hours. The student may take up to a maximum of 12 academic semester hours (including undergraduate hours). No more than nine hours may be taken in an eight-week session. Summer study load may vary by program. Cohort Coordinators set candidate hours in accordance with School of Education policies, local school system needs, and schedules.

NOTE: It is strongly recommended that graduate students in their first semester take no more than 9 hours (fall or spring) or 6 hours (summer).

Transient Permission
Candidates who wish to take courses (maximum of six semester hours) at another institution, may do so only with prior written permission of the academic advisor and the dean. A Transient Permission Form must be properly executed (available from Registrar’s Office). Requirements of the College for graduation apply. The last 6 hours of course work must be completed at Piedmont College. In no case can the transient permission hours or the transfer hours exceed six semester hours.

Academic Status
A student must maintain a cumulative GPA of 3.0 and earn no more than one “C.” Academic Honors are not awarded in the Graduate Program

Academic Probation
A student will be placed on Academic Probation if:

- GPA falls below cumulative 3.0
- Receives a second grade of “C”
- Receives a grade of “D” or “F”

Students on probation MUST make progress toward an improved GPA or risk dismissal. The student should work closely with their advisor to meet all program requirements.

Academic Exclusion
A student will be excluded if he or she receives a second grade of “D” or “F” in the same or subsequent semester.

A student who has been excluded from the College for academic deficiencies may appeal the decision in writing to the Associate Dean for Graduate Studies. The student will be notified of the decision in writing with copies to the academic advisor and Registrar. If the appeal is granted the student may be readmitted on a conditional basis.
A readmitted student must show satisfactory progress in moving toward academic good standing and meeting the minimum academic standards of the College. The Associate Dean for Graduate Studies will monitor the semester GPA of the conditional student. Should the semester GPA fall below 3.0 without the minimum standards being achieved, the student’s work will be reviewed to see if dismissal is warranted. The dean of the appropriate school makes the final decision as to continuation, exclusion or dismissal of the student.

**Academic Dismissal**

Academic Dismissal results in involuntary separation of the student from the College for an extended time period for academic reasons based upon the recommendation of the appropriate dean to the Vice President for Academic Affairs. Students may appeal the decision to the Vice President for Academic Affairs and, in turn, to the President if warranted. A student so dismissed may petition for readmission after a reasonable period of time, usually a year. The second academic dismissal is permanent. Specific schools may have different requirements—consult the specific school for requirements.

**Non-academic Dismissal or Exclusion**

Students who are found to be in violation of College regulations, in violation of local and/or state laws, or for circumstances deemed to be in the best interest of the College, may be removed from a residence hall and/or dismissed from the College. Students may appeal the decision to the Vice President of Academic Affairs and, in turn, the president, if warranted. Grades of “W” or “WF” may be assigned. Grades of “W” after midterm require the approval of the Vice President for Academic Affairs and will be approved only in cases of acceptable extenuating circumstances.

**Graduate Readmission**

Graduate students who are not enrolled for two consecutive semesters (excluding summer) must apply for readmission. To reapply, the student must submit an Application for Readmission form to the Associate Dean of Graduate Studies at least two weeks prior to the beginning of the semester the student is planning to attend. Forms are available in the Registrar’s Office or at the Piedmont College website: www.piedmont.edu.

Note: No course may be older than 6 years at the time of graduation. This rule is applied at the end of the semester (i.e. a fall 2001 course expires at the end of the fall 2007 semester).

**Graduate Readmission After Exclusion or Dismissal**

Students who have been dismissed for any reason by Piedmont College may reapply after 12 months have elapsed by submitting an Application for Readmission form to the Associate Dean for Graduate Studies. This form must be submitted at least two weeks prior to the beginning of the semester the student plans to attend. The applicant must attach a letter of explanation, as well as relevant supporting documents, to the application. These documents will then be directed to the Business Office, Financial Aid Office, dean of the appropriate school, and then to the Vice President for Academic Affairs. The Vice President will make the determination to deny or approve readmission on a conditional basis. The Associate Dean for Graduate Studies will notify the student of the decision in writing.

**Posthumous Degrees**

In order to receive a posthumous degree, a majority of the degree requirements must have been completed. The president must approve the awarding of the degree. When a posthumous degree is awarded, a member of the student’s family will be invited to accept the diploma during commencement exercises.
Undergraduates Taking Graduate Courses

Students who have achieved senior standing at Piedmont College, i.e., who have completed a minimum of 90 semester hours, with a cumulative academic grade point average of 3.0 or better (or permission of dean), may register (application form required) for graduate courses during the final two semesters of undergraduate work under the following conditions:

1. No more than a total of nine graduate semester hours may be taken for graduate credit.

   Please note that students may count these hours either toward their undergraduate degree requirements or toward a graduate degree, if accepted into the graduate program at Piedmont College. Only six semester hours may be counted toward a graduate degree.

2. Students registering for one or more graduate courses must obtain written permission in advance of registration from the academic advisor, program director, and the academic dean of the school in which the course is taken. The form is available at www.piedmont.edu under the Registrar’s link.

3. Graduate courses available to undergraduate student are limited to those courses scheduled for the Demorest and Athens campuses.

4. Permission to take graduate courses is contingent upon the availability of classroom space and does not in any way imply admission to a graduate program at Piedmont.

5. Graduate courses used to meet a requirement in an undergraduate program may not be used to fulfill required hours in a graduate program or vice versa.

6. Taking graduate courses while an undergraduate student does not guarantee admission to a graduate program at Piedmont College. In order for course work to be credited at the graduate level, students must be accepted into a Piedmont College graduate program.

Graduate Students Taking Undergraduate Classes

Students who have undergraduate degrees in areas other than the one in which they are seeking a graduate degree may be required to take certain undergraduate courses to fulfill prerequisite requirements. The number of prerequisite courses may vary based on transcript analysis. A graduate student may elect to take other or additional or supplementary undergraduate courses to fill gaps in their content knowledge. In neither case will these courses count toward meeting graduate course requirements.

Graduate candidates pay graduate tuition for required undergraduate courses if they are enrolled as a graduate degree seeking student.

Graduation

Piedmont College holds three graduation ceremonies each academic year. Each year’s class consists of students graduating in December, May and July. Example: The Class of 2008 includes graduates from December 2007, May 2008, and July 2008. Students will march in the service in caps and gowns and will sit together to be recognized as graduates.

Please check the Academic Calendars posted on the web at www.piedmont.edu/reg for ceremony dates and times and also for application deadlines for each semester’s graduation. Mailings will be sent each semester with graduation details and participation forms that must be returned in order to participate in the ceremony or to have diplomas mailed after the ceremony.
Graduation Requirements
All requirements for the degree must be completed within six years. A student must satisfy the following:

a. hold unconditional acceptance status;

b. successfully complete an approved program of study;

c. earn an overall GPA of 3.0 in all graduate courses attempted with no more than one “C” grade in the approved program of study; and

d. complete all documentation requirements and apply for graduation by the posted graduation application deadline (see Academic Calendars at www.piedmont.edu). Applications for Graduation for summer semester must be received by April 1. Applications for graduation received after April 1 will be processed during Fall semester.

Graduation Charges
An application charge of $75 is assessed for graduate students and is due at the time of application for graduation.* It is the student’s responsibility to be familiar with application deadlines which are posted on the Academic Calendars (www.piedmont.edu/reg). All college bills must be paid before the degree is conferred.

*Applications for graduation received after posted deadlines will incur a late charge of $100.

Transcripts
A transcript is a record of all courses taken and grades received at the College, as well as those transferred into the College. Students requiring transcripts will be charged $5 per copy. Students requiring transcripts on demand will be charged $10 per copy. All requests for transcripts must be submitted to the Registrar in writing with the student’s signature. No transcripts shall be issued for students whose accounts are not paid in full.

FINANCIAL AID FOR GRADUATE STUDENTS
The Piedmont College financial aid office will assist students who seek financial resources for attendance at this institution. Graduate students should apply for financial aid at least sixty days prior to the term seeking aid. Students receiving financial aid must maintain satisfactory academic progress as outlined in the Student Handbook in order to continue to receive financial assistance.

Application Procedures
There are four primary sources of student financial assistance: federal, state, institutional and third-party sources. Each requires a different application procedure.

Federal Assistance
The federal student assistance programs are perhaps the most widely known of all student aid sources. In order to receive federal student aid, a student’s financial need must be established by filing the Free Application for Federal Student Aid (FAFSA). This form may be obtained on-line at www.fafsa.ed.gov. Contact the Piedmont College financial aid office at (706) 776-0114 with questions. For technical help applying online, call the Federal Aid Help Line at 1-800-4-FED-AID. The Piedmont College federal school code is 001588.
Piedmont College participates in the Federal Direct Student Loan program. These loans may be either subsidized or unsubsidized, based upon financial need. Graduate students are considered independent for the purposes of federal financial aid. Loans are made directly from the U.S. Department of Education, and funds are credited to the student’s account. Interest rates are variable. Payments begin after the student drops below half time or graduates. For more information visit www.dl.ed.gov.

**Federal TEACH Grants**
Piedmont College participates in the Federal TEACH Grant Program. Interested students are encouraged to research the program and submit an application to the Piedmont College Financial Aid Office. For graduate study, the Federal TEACH Program is available to first post-baccalaureate degree students only. At Piedmont College, students enrolled in the Education Specialist or Doctorate Program are ineligible for this program.

- The TEACH Grant Program was created by Congress in the College Cost Reduction and Access Act that provides $2,000 per semester, with a maximum of $16,000 for undergraduates and $8,000 for graduate students. For more information call the Federal Information Student Center: 1-800-4-FEDAID or view the website www.federalstudentaid.ed.gov.

- In exchange for receiving the TEACH Grant, students must be a highly-qualified, full-time teacher in a high-need subject area for at least four years at a school serving low-income students.

**State Assistance**
The State of Georgia offers service cancelable loans for teachers in critical need areas. For more information on this HOPE Teacher Program, visit the Georgia Student Finance Commission website at www.gacollege411.org.

If you have any question regarding financial aid, or Federal Aid Programs, for graduate students please contact the Office of Financial aid at 706-776-0114 or send an e-mail to finaid@piemont.edu.

**Emergency Student Loans**
In certain instances, emergency student loans may be obtained to assist with unexpected expenses incurred by students. Typically, the maximum amount available at any given time to individual students is $250 and must be repaid within 90 days. Interest is charged at 8 percent, accruing from the time the funds are disbursed to the student until such time as the loan is repaid in full.

Students may apply for this loan by contacting the financial aid office. A final decision will be made by the business office. Typically, students must be current on all college charges and in good standing academically prior to a loan’s being approved.
Graduate Tuition Charges (Updated for 2009-2010 school year)
The 2009-2010 tuition approved by the Piedmont College Board of Trustees is as follows:

$407 per credit hour for Master’s
$407 per credit hour for Education Specialist
$500 per credit hour for Education Doctorate

To qualify for student loans, students must enroll in a minimum of six hours each semester.

Room and Board Charges
Piedmont College housing is made available to graduate students on a space available basis and other criteria. Requests can be made directly to the Director of Residence Life at Piedmont College.

Charges for housing and meal plans are listed in the undergraduate section of this catalog. Any graduate student residing in college housing is required to purchase a meal plan.

Additional Charges
Applied music - private lessons ............................................................ $100 per credit hour
Late registration ............................................................................................................... $50
Returned check (first occurrence) ................................................................. $25
Returned check (second occurrence) .......................................................... $35
Experiential credit (per credit hour) See Page 48 for more information ....... $50
Graduate application ............................................................................................... $30
Transcript .................................................................................................................. $5 each
Graduate graduation ................................................................................................. $75
Replacement diploma ............................................................................................... $100

A late charge of an additional $100 will be assessed on applications for graduation received in the Registrar’s office after the posted due date.

No student may complete registration or be admitted to classes until all charges are paid or until satisfactory arrangements for payment are made with the business office.

No student whose account is in arrears more than 30 days will be admitted to classes or allowed to continue residence on campus. No student whose account is not paid in full by the start of the examination period will be permitted to take final examinations, receive course credit, a transcript, or register for subsequent classes. Also, a student whose account is in arrears will be responsible for any reasonable cost of collection, including, but not limited to, legal fees, collection costs, or other incidental charges.

If at any time a credit balance is established on a student’s account, the balance will be disbursed to the student within 14 days from the date the balance is credited.

Students are responsible for checking their account status at the business office at the beginning and end of each term to make sure all financial aid is received.

Terms of Payment
Tuition, room, board and other charges are payable in advance and are due, in full, on registration day. If the student cannot pay the total amount in advance, installment arrangements
may be made with Piedmont College using the Piedmont College Payment Plan (PPP). Students will be allowed to enroll on registration day in the business office. The charge for using PPP is $50 per semester. No interest charges will be incurred.

Refunds

Withdrawal From Class
Students receive a full refund of tuition paid for individual classes dropped during the drop/add period at the beginning of each semester. There is no refund for individual classes dropped after the drop/add period.

Withdrawal From College
Tuition Refunds: Upon submission of a written notification of withdrawal from the College to the Registrar and Bursar, students receive tuition refunds based on the following refund schedules.

Fall and spring semester:
Day studies
- 80% refund during first week
- 60% refund during second week
- 40% refund during third week
- 20% refund during fourth week
- No refund after four weeks

Evening studies
- 80% refund during first week
- 50% refund during second week
- No refund after two weeks

Summer semester
- 80% refund during first week
- 50% refund during second week
- No refund after two weeks

Refunds to Federal Government
Federal financial aid funds are awarded with the expectation that students will complete the entire period of enrollment. Students “earn” a percentage of the funds with each day of class attendance. When a student who has received federal financial aid funds (Title IV Funds) leaves school before the end of the semester or period of enrollment, federal law requires Piedmont College to calculate the percentage and amount of “unearned” financial aid funds that must be returned to the federal government. Once a student has completed more than 60 percent of the enrollment period, a student is considered to have earned all funding received. This calculation may have the effect of requiring the student to repay funds that have already been disbursed to the student. Students are encouraged to meet with their financial aid counselor prior to making the decision to withdraw from school.

See the Bursar for further information.
Student Academic Records (The Family Educational Rights and Privacy Act - FERPA)

SECTION A: Student Academic Records
The Registrar has a master roster of all students which lists high school grades, SAT scores, etc. Copies of students’ permanent records are furnished to advisors. Faculty members may examine student records on request to the Office of the Registrar.

After appropriate training and with the approval of the Vice President for Academic Affairs, faculty members may access student records via computer on the campus network.

SECTION B: Confidentiality of Student Records

The law defines student education records to include “records, files, documents, and other materials which contain information directly related to a student and are maintained by a university or by a person acting for a university.” Within 45 days of receiving a request, universities must allow students to inspect those education records. Excluded from the definition of student education records are records made about students by teachers and administrators for their own use and not shown to others.

Confidential letters of recommendation or evaluations which were in the records prior to January 1, 1975, need not be made available to students. For letters after that date, the law allows students to waive rights of access if the letters have to do with admission, employment, or honors, if the letters are used only those purposes, and if students are told, on their request, the names of all letter writers. No student or applicant may be required to execute a waiver.

Students have the right to challenge the contents of their educational records and to secure correction of inaccurate or misleading information. Students may insert into their records a written explanation respecting the content of such records. Students may challenge a grade in their records only on the ground that it was inaccurately recorded, not that it was different than the instructor ought to have recorded.

Teachers, administrators, and similar professional personnel (in the same institution) may look at the record if they have a “legitimate educational interest.”

The university may transfer information to other educational institutions in which the student intends or seeks to enroll, in connection with a student’s application for, or receipt of, financial aid, and to public officials enumerated as follows:

1. State and local officials to whom state law in effect on November 19, 1974 required information to be reported.
2. Organizations like ETS and CEEB in connection with developing, validating, or administering predictive tests, administering student aid programs, and improving instruction.
3. Accrediting organizations in order to carry out their accrediting functions.
4. Parents of a student who is a dependent for income tax purposes.

5. Appropriate persons in the case of health and safety emergencies.

Directory information may be released without the consent of a student unless the student specifically asks that prior consent be obtained. Requests for non-disclosure will be honored for only one academic year; therefore, authorization to withhold directory information must be filed annually in the office of the Registrar. Directory information includes a student’s name, address, telephone listing, e-mail address, date and place of birth, major field of study, participation in officially recognized activities and sports, weights and heights of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational institution attended by the student. A university must publish a list of what it designates as directory information and give each student a reasonable period of time to ask that any and all such information not be released without prior consent.

Other than in the exceptions listed, or in the case of directory information, or in responding to judicial process, employees of a university may not release personally identifiable information in education records or allow anyone access to those records, unless the student has given written consent specifying records to be released, the reasons for such release, and to whom, and a copy of the released records is furnished to the student.

No information concerning a student’s education record may be disclosed over the telephone to anyone, even to the student.
SCHOOL OF BUSINESS:
MASTER OF BUSINESS ADMINISTRATION
IN ACCOUNTING AND FINANCIAL
MANAGEMENT,
HEALTH CARE MANAGEMENT,
AND MANAGERIAL LEADERSHIP

The Master of Business Administration program is designed to serve the educational and practical interests of individuals who are seeking managerial positions or wish to progress to higher levels of responsibility within their existing organizations. The program is especially beneficial to those with work experience but new business school graduates are also accommodated on an exception basis. It is therefore preferred, not required, that all candidates, especially those without business degrees, have two years of relevant experience. The focus of the program is on core concepts that relate to both small businesses as well as large enterprises. We believe that organizations value managers with an entrepreneurial perspective. Our focus on core business competencies underpins the following program outcomes.

We strive to produce graduates who demonstrate

1. Effective oral and written communication skills in a business context.
2. Effective critical-thinking, analytical and conceptual skills in decision-making.
3. The ability to use and manage information technology to improve personal and organizational productivity.
4. The ability to formulate business strategy based upon internal and external analysis coupled with a resource-based approach to planning, organizing, leading and controlling.
5. The ability to conduct and report organizational research in support of continuous improvement efforts.
6. Decision-making skills that include ethical and social considerations.
7. Specialized knowledge and skills in either the area of managerial leadership, accounting and financial management, or health care management.

The Walker School M.B.A. Committee provides faculty oversight for the program. The committee is composed of all full-time School of Business faculty members who teach graduate-level courses in the program. In addition to defining program content, the Committee is actively involved in student recruitment, admissions standards, program assessment, resource development, and other program issues as they arise.
Program of Study: Requirements

1. Students lacking an undergraduate degree in business from a regionally accredited institution must successfully complete the prerequisite undergraduate course work listed below prior to enrolling in certain M.B.A. courses. The prerequisite course work must be taken at a regionally accredited institution and a grade of “C” or better must be earned. Students admitted to the M.B.A. program can elect to take the undergraduate courses listed below at Piedmont College at the graduate credit hour rates.

Piedmont equivalent course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 201.</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC 202.</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ECON 220.</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or ECON 221.</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BA 403.</td>
<td>Survey of Marketing and Management</td>
<td>3</td>
</tr>
<tr>
<td>or BA 301.</td>
<td>Management (3 hours) and BA 320 Marketing (3 hours)</td>
<td></td>
</tr>
</tbody>
</table>

In the case of the management and marketing requirement, BA 403 will satisfy the students’ need for marketing alone, management alone, or both.

2. Minimums of 36 semester graduate credit hours (12 courses) are required for Accounting and Financial Management and Managerial Leadership M.B.A.s while 39 semester graduate credit hours (13 courses) are required for Health Care Management M.B.A.s.

3. Eight core courses are required for Accounting and Financial Management, Managerial Leadership, and Health Care Management M.B.A.s. Students complete their specialty courses depending upon the selected specialty track.

4. The capstone course is a comprehensive program evaluation and the culmination of the M.B.A. program. The capstone culminating team project is a written industry analysis, a formal presentation, and a critique of both by external evaluators.

5. The M.B.A. program of study with highly structured course offerings makes effective use of resources and allows students to effectively integrate their studies into their professional and personal lives.

Required Courses for M.B.A. (all concentrations)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.B.A. 605.</td>
<td>Management Information Systems and e-business</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 620.</td>
<td>Marketing Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 630.</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 650.</td>
<td>Managerial Finance</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A./ACC 653.</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 660.</td>
<td>Quality Management</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 690.</td>
<td>Governance and Strategy</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A. 691.</td>
<td>Capstone of Contemporary Issues</td>
<td>3</td>
</tr>
</tbody>
</table>

Accounting and Financial Management Specialty Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.B.A. 621.</td>
<td>International Planning and Development</td>
<td>3</td>
</tr>
<tr>
<td>M.B.A./ACC 643.</td>
<td>Investment Management</td>
<td>3</td>
</tr>
</tbody>
</table>
### Managerial Leadership Specialty Courses

- **M.B.A. 621.** International Planning and Development 3 hours
- **M.B.A. 631.** Leadership 3 hours
- **M.B.A. 670.** Negotiation, Mediation, and Conflict Resolution 3 hours
- **M.B.A. 681.** Employment Law 3 hours

### Health Care Management Specialty Courses (Athens Campus only)

- **HCM 610.** Health Care Management 3 hours
- **HCM 611.** Finance and Managed Care 3 hours
- **HCM 612.** Biostatistics and Epidemiology 3 hours
- **HCM 613.** Health Care Policy, Politics, and Law 3 hours
- **HCM 614 and 615.** Field Practice 6 hours

### Course Descriptions

**BA 403. Survey of Marketing and Management** 3 hours

This course is designed for students in the program who have not had management or marketing principles at the undergraduate level. An overview of the primary management disciplines (organization behavior, organization theory and strategic management) and marketing principles is presented. Management and marketing theory and practice in relation to individual groups; work and organizations; and the environment and organizations are covered. Special contemporary issues associated with each as well as the general issues that transcend the four areas will be discussed. Ethical and social implications of modern business management and marketing will be emphasized where relevant and significant.

**HCM 610. Health Care Management** 3 hours

This course engages the student in the study of relating the organization to its environment, governance, the role of leading, the design of the organization, and measuring performance. Building quality clinical services, meeting the needs of the organization through learning, planning, marketing, finance, and the importance of data to decision making are also explored.

**HCM 611. Finance and Managed Care** 3 hours

Study requires that students analyze the nature and operations of managed care in the U.S. Explores the purposes of various plans (HMO, IPA, MSO, PSN, etc.) and their payment models. Provider, manager, and consumer perspectives are considered. Integration of health care delivery systems and financial aspects will be analyzed such as funding principles and practices as well as systems of reimbursement.

**HCM 612. Biostatistics and Epidemiology** 3 hours

Introduces principles and methods employed in evaluation research and program evaluation as these relate to health services. Topics covered include health status measurement, evaluation design and managerial applications of epidemiology.

**HCM 613. Health Care Policy, Politics, and Law** 3 hours

Examines basic principles and practices of law affecting hospitals and medical practice: the legal aspects of patient care and treatment, medical services, and other hospital-patient related functions. Risk management perspectives are a guiding principle.

**HCM 614/615. Field Practice** 6 hours

This course provides students applied practice in health care management upon completion of coursework. Students are monitored by an on-site preceptor with faculty direction and
oversight. This practice requirement is designed to help students with no experience in this context to apply theory, concepts, and behaviors learned in class. Students with three or more years health care experience may a) substitute one additional course of graduate level coursework from managerial leadership or accounting and financial management courses or b) choose to complete the field practice.

M.B.A. 605. Management Information Systems and e-business 3 hours
This course provides students with a framework for managing information systems in the business environment. Both personal and organizational productivity are stressed. Students will review the fundamental workings of hardware, software, and networking technologies. Principles for managing information systems resources are presented. The strategic role of information technology and e-business are examined. Students will become familiar with information systems professional literature, web-based resources, and current issues in this fast-changing field.

M.B.A. 620. Marketing Trends and Issues 3 hours
Prerequisite: BA 403 or equivalent.
Reviews and examines recent revolutionary changes in the marketing environment. Special focus is given to the role of information technology and communications, with regard to marketing activities, i.e., e-commerce. Major issues are presented in a pro-con format. This course also examines recent notable marketing successes and failures.

M.B.A. 621. International Planning and Development 3 hours
Prerequisite: ECON 221 or equivalent
Businesses of all sizes are looking to other countries both to seek global opportunities and to keep an eye on their global competition. This course explores the latest information on how managers throughout the world respond to the challenges of globalization. In addition, the formulation of strategies and the design of management systems that successfully take advantage of international opportunities and respond to international threats are covered.

M.B.A. 630. Organization Behavior 3 hours
Students apply theory with implications for practice to explain, predict, and intervene in the behavior of people in organizations. Integration of globalization, diversity, and ethics is modeled through the use of teams. Current topics include organizational citizenship behavior, work-life balance, creativity in decision-making, and job design.

M.B.A. 631. Leadership 3 hours
Students will review, analyze, and critique new thinking about how to lead. Major theories, theoretical frameworks, contributing research streams, and practitioner-researcher ideas are synthesized by the student to produce a convincing identification of core beliefs about their own leadership process. Students will learn to apply the collaborative leadership model by engaging in reflective thinking and dialogue.

M.B.A./ACC 641. Concepts and Practices of Traditional and Forensic Accounting 3 hours
Prerequisite: ACC 201 and ACC 202 or equivalent.
This course examines the development of accounting theory, policy, and institutions. Emphasis is placed upon the objectives of financial reporting and the conceptual framework for income measurement. The course also includes an overview of forensic accounting concepts.
M.B.A./ACC 642. Business Analysis and Valuation Using Financial Statements 3 hours
Prerequisite: ACC 201 and ACC 202 or equivalent.
This course focuses on business analysis from the perspective of accounting data, finance theories, and prospective modeling. Credit analysis and distress predictors are also reviewed. Building upon this analysis and modeling, diversification and asset allocation strategies are also discussed. Reporting requirements of various authorities such as the Securities Exchange Commission and FASB are incorporated as they relate to the case studies and other matters covered by the course.

M.B.A./ACC 643. Investment Management 3 hours
This course examines the theoretical and technical concepts involved in investing in marketable securities. A framework for making intelligent investment decisions and achieving successful investments results is developed.

M.B.A. 650. Managerial Finance 3 hours
Prerequisite: ACC 201 and ACC 202 or equivalent.
Students explore theory and practical applications of corporate finance. Course content includes capital markets, financial statement analysis, portfolio theory, securities valuation, capital budgeting, capital structure decision-making, financial planning, capital market financing techniques, merger and acquisition, international finance, and regulatory reporting requirements.

M.B.A./ACC 653. Managerial Accounting 3 hours
Prerequisite: ACC 201 and ACC 202 or equivalent.
Students examine how internal managers for planning and controlling operations as well as other management responsibilities use accounting data. Course emphasis is on the manager’s ability to add value using financial analyses for effective decision making.

M.B.A. 660. Quality Management 3 hours
This course is designed to help the student acquire a working knowledge of methods commonly employed to design and/or improve operations, systems, and processes using both qualitative and quantitative approaches to quality management. Students learn the application of tools for making decisions concerning the delivery of goods and/or services to both internal and external customers.

M.B.A. 670. Negotiation, Mediation, and Conflict Resolution 3 hours
This course explores the dynamics of recognizing and managing organizational conflict and its underlying causes in a constantly changing business environment. Topics include the identification of conditions that may lead to conflict, recognizing conflict situations when they exist; and dimensionalizing these situations in terms of severity, longevity, and potential impact. Additionally, specific conflict management strategies designed to resolve, or mitigate the consequences of conflict, are emphasized, including the use of negotiation, mediation, and arbitration techniques. In addition, topics will be covered within a context that recognizes cross-cultural boundaries and the necessity for heightened sensitivity when managing conflict under these conditions.

M.B.A. 681. Employment Law 3 hours
This course provides a framework for understanding modern laws related to employee/employer protection. Attention will be given to both union and non-union workplaces. Topics include modern employment related actions and legislation, law of workers’ compensation, and the employee-employer relationship.
M.B.A. 690. Governance and Strategy  
Prerequisite: ACC 201 and ACC 202 or M.B.A./ACC 653 or equivalent  
The industry and business analysis and evaluation process will be the mainstay of this course. A historical and systems approach will be used. The elevation of student critical thinking to the strategic level, the oral and written communication of that thinking to others, and conceptual skills will be developed. Special emphasis is given to corporate governance mechanisms and top management.

M.B.A. 691. Capstone of Contemporary Issues  
Prerequisite: All other core courses or with permission  
Application for graduation must be submitted when registering for this class.  
This course as the program capstone course serves two purposes: to serve as an integration mechanism for the M.B.A. curriculum and to serve as a vehicle for program assessment. A written industry analysis (with accompanying presentation) prepared by small teams will serve as the assessment activity for the program as well as one of the graded activities for the course.
FACULTY
Dean McFerrin

Associate Dean Cummings
Associate Dean of Graduate Studies Dickson
Professors Berrong, Briggs, W. Brown, Frech, Kibler, Moody, Rogers, H. Smith
Senior Fellow McCollum
Associate Professors Andrews, Benson, A. Brown, Gantt, Greene, Jordan, Lucado, Palmour, Pease, Pipes, Secules, Studevan, and Waller
Assistant Professors, Hutcheson-Williams, Leslie, S. Smith, and Welsh

SCHOOL OF EDUCATION
Preparing proactive educators to improve the lives of all children.

MASTER OF ARTS IN TEACHING (M.A.T.)
AND MASTER OF ARTS (M.A.) PROGRAMS
Students seeking initial certification in education fields will pursue the Master of Arts in Teaching (M.A.T.) degree. Students who hold a teaching certificate are eligible to pursue a Master of Arts (M.A.) degree.

The mission of the School of Education is “Mastering the art of teaching: preparing proactive educators to improve the lives of all children.” The School of Education strives to prepare reflective, scholarly, proactive educators. These practitioners effectively educate their own students to become knowledgeable, inquisitive, and collaborative learners in diverse, democratic learning communities.

Graduate study is at a level of complexity and generalization that extends the knowledge and intellectual maturity of the candidate. The curriculum affords the depth of education, the specialized skills, and the sense of creative independence that will allow the graduate to practice in, and contribute to, the education profession.

Graduate M.A.T. and M.A. Program Objectives:
The objectives of the undergraduate education programs apply to candidates seeking initial certification at the master’s level. Additionally, the Master of Arts in Teaching (M.A.T.) and Master of Arts (M.A.) programs at Piedmont College continue to provide the graduate candidate knowledge in the social and educational development of students. Through an individualized program of study based on the candidate’s undergraduate program, experience, and professional goals, the programs seek to:

• provide the candidate with the ability to communicate and teach effectively using an interdisciplinary knowledge base and understanding of multidimensional classrooms;
• use and facilitate critical thinking skills;
• enhance candidates’ content knowledge, integrating it with instructional technology;
• enable candidates to interpret and assess educational research, and conduct their own classroom-based research; and
• provide experiences that enable candidates to assume roles as proactive, reflective, and scholarly practitioners and develop their skills and abilities as professional teachers.
Admission to Teacher Education
An educator is a professional role model who must adhere to the Georgia Code of Ethics published by the state certification agency, The Professional Standards Commission (PSC). The School of Education at Piedmont College and the Georgia PSC believe that teachers should be held to the highest moral standards. The School of Education maintains the right to deny a candidate admission to any program for good cause. Appeals may be made to the Vice President for Academic Affairs. Initial Certification candidates must undergo a criminal background check at the beginning of their first semester and prior to student teaching. Applications to student teaching may be denied based upon information provided in these background clearances. The consent forms for the background check are attached to the student teaching application. Before being hired by a Georgia public school system, another background check including fingerprinting will be conducted by the system. If a problem arises, the State of Georgia has the right to deny a person a teaching certificate.

All candidates who are not certified must apply for admission to teacher education at the beginning of their second semester. Applications are available from and should be submitted to the administrative assistant in L-112 (Demorest) or the main office (Athens). Requirements for unconditional acceptance at Piedmont College are:

1. Interview with School of Education faculty, assessing oral communication skills. Secondary Education candidates refer to page 279 for Orientation & Screening procedures, which differ substantially from other programs;
2. GPA of 3.0, (no more than one “C” allowed in program);
3. A passing score on Praxis I or GACE I, unless exemption filed (A candidate can take no more than nine courses without meeting this requirement); and
4. A completed and approved personal affirmation form.

Continuation and completion of all programs is contingent upon demonstration of the knowledge, skills, and dispositions necessary to help all students learn as described in the School of Education Conceptual Framework and Candidate Program Learning Outcomes. Piedmont College reserves the right to withdraw from a program teacher candidate for failure to meet these outcomes.

Field Experiences
Continuation and completion of all field experiences is contingent upon demonstration of the knowledge, skills, and dispositions necessary to help all students learn as described in the School of Education Conceptual Framework and Candidate Program Learning Outcomes. Piedmont College reserves the right to withdraw or change the placement of a teacher candidate for failure to meet these outcomes or at the request of the host school.

Professional Learning Units
Piedmont College, when appropriate, shall accept the professional learning unit (PLU), teaching internship, and/or other experiences in lieu of same or similar courses for certification, but not for college credit.

Foxfire Courses for K-12 Teachers
These courses are available for all graduate level candidates, grades K-12, and all subject areas. Refer to EDUC 770, The Foxfire Approach, on page 302.
**Residency Requirement**

Only six graduate hours from a regionally accredited institution are accepted into a candidate’s program of study. The last 12 academic hours, exclusive of student teaching, must be taken at Piedmont College.

**NOTE:** While EDUC is the general designator for education courses, the following designators are used to identify courses related to specific majors.

- **EDEC**  Education: Early Childhood
- **EDMG**  Education: Middle Grades
- **EDPE**  Education: Physical Education
- **EDSE**  Education: Secondary Education
- **SPED**  Special Education
ART EDUCATION, P-12
The Master of Arts in Teaching (M.A.T.) in Art Education leads to initial certification and is designed to meet the needs of students who hold a completed B.A. or B.F.A. degree in art or a related professional field.

The Master of Arts (M.A.) in Art Education leads to advanced certification. The M.A. program is designed to meet the needs of those professionals holding initial certification in art education and who wish to pursue advanced certification in art education.

The program design for each candidate is based on a professional portfolio review and transcript analysis. The program is designed to enhance previous study and meet individual needs based on art and educational experiences, professional goals, and the mission of the School of Education. If it is determined, after transcript evaluation and portfolio review, that a candidate has deficiencies in art skills and knowledge, he/she must complete the deficiencies prior to full acceptance into the graduate art education program by taking additional courses.

The required education and content area courses create an effective program that meets the requirements of Piedmont College and the Professional Standards Commission. Through a combination of course work, field experiences, research, and art training, candidates will link theory with practice in the field of art education. Piedmont College reserves the rights to abrogate, add to, delete, or alter any regulation, requirement, or course as needed. Every effort will be made to keep candidates advised of any changes.

PROGRAMS OF STUDY
Master of Arts in Teaching (MAT) Art Education
The Master of Arts in Teaching (M.A.T.) in Art Education leads to initial certification and is designed to meet the needs of students who hold a completed B.A. or B.F.A. degree in art. Prior to admission to teacher education the student must pass GACE Basic Skills and then pass GACE Content Assessment to receive certification in art education.

COURSE REQUIREMENTS
46 hours of study to complete program:

See EDUC Course Descriptions on Page 212.

Required early in program unless previously satisfied in undergraduate or other graduate program:

EDUC 607. Fundamentals of Learning and Cognition 3 hours
or EDUC 610. Human Growth and Development 3 hours
EDUC 655. Education of Exceptional Children 3 hours

Education Courses ..........................................................(15 hours)
EDUC 601. Instructional Media and Technology 3 hours
EDUC 690. Classroom Management 3 hours
EDSE 696/697/698. Educational Research Sequence 3 hours
or EDUC 699. Educational Research 3 hours
EDUC 703. Social, Cultural, and Ethical Perspectives of Education 3 hours

Choose one course from:

EDUC 642. Critical Thinking and Creativity in the Classroom 3 hours
EDUC 701. Critical Analysis of Current Trends and Issues in Education 3 hours
EDUC 730. School Law 3 hours

See ART course descriptions on page 264.

**Art Education Courses** .............................................................(18 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 620</td>
<td>Art Ed Methods and Techniques P-8</td>
<td>3</td>
</tr>
<tr>
<td>ART 621</td>
<td>Art Ed Methods and Techniques 9-12</td>
<td>3</td>
</tr>
<tr>
<td>ART 650</td>
<td>Special Topics in Art 2D Studio</td>
<td>3</td>
</tr>
<tr>
<td>ART 651</td>
<td>Special Topics in Art 3D Studio</td>
<td>3</td>
</tr>
<tr>
<td>ART 630</td>
<td>Art Criticism and Aesthetic Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>ART 675</td>
<td>Special Topics in Art History</td>
<td>3</td>
</tr>
</tbody>
</table>

**Apprentice Teaching** .............................................................(10 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 742</td>
<td>Apprentice Teaching P-8</td>
<td>5</td>
</tr>
<tr>
<td>ART 743</td>
<td>Apprentice Teaching 9-12</td>
<td>5</td>
</tr>
<tr>
<td>or ART 744/745</td>
<td>Art Internship (if teaching in the field)</td>
<td>10</td>
</tr>
</tbody>
</table>

**Capstone** ...........................................................................(3 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 788</td>
<td>Capstone Research</td>
<td>3</td>
</tr>
</tbody>
</table>

This course is non-transferable; must be completed at Piedmont College

**Program Entrance Requirements**

- A completed B.A. or B.F.A. degree in art from a regionally accredited institution with minimum GPA of 2.5.
- A professional portfolio of 12 to 24 artworks and/or related professional projects. The portfolio may consist of original works, slides, or digital images placed on a CD or web site and submitted for approval to the Department of Art Chair.
- An interview with the Department of Art Chair and/or Faculty.

**Program Completion Requirements**

- Passing score on GACE Content examinations (required for certification);
- Admission to teacher education;
- Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C”;
- Successful completion of all components in the Capstone research, exhibition, and presentation; and
- Submission and approval of an application for graduation by the published deadline
PROGRAM OF STUDY

Master of Arts (MA) Art Education
The Master of Arts (M.A.) in Art Education leads to advanced certification. The M.A. program is designed to meet the needs of those professionals holding valid certification in art education and who wish to pursue advanced certification in art education.

33 hours of study to complete program:

Education Courses ..................................................................................................................(12 hours)
See EDUC course descriptions on Page 212

EDSE 696/697/698. Educational Research Sequence 3 hours
or EDUC 699. Educational Research 3 hours
EDUC 703. Social, Cultural, and Ethical Perspectives of Education 3 hours

Choose two courses from:

EDUC 600. Educational Assessment 3 hours
EDUC 603. American High School 3 hours
EDUC 642. Critical Thinking and Creativity in the Classroom 3 hours
EDUC 701. Critical Analysis of Current Trends and Issues in Education 3 hours
EDUC 702. Integrating Media and Technology 3 hours
EDUC 712. Group Processes and Interpersonal Skills 3 hours
EDUC 730. School Law 3 hours
EDUC 795. Applied Research Project 3 hours
EDUC 798. Special Topics in Education 3 hours

Art Education Courses  (18 hours)
See ART course descriptions on Page 264.

ART 630. Art Criticism and Aesthetic Inquiry 3 hours
ART 650. Special Topics in 2D Art Studio 3 hours
ART 651. Special Topics in 3D Art Studio 3 hours
ART 675. Special Topics in Art History 3 hours
ART 701. Studies in Art Instruction 3 hours
ART 702. Advanced Study in Art Instruction 3 hours

Capstone....................................................................................................................................(3 hours)
ART 788. Capstone Research 3 hours

This course is non-transferable and must be completed at Piedmont College

TOTAL MINIMUM NUMBER OF COURSE WORK HOURS: 33

MINIMUM HOURS OF FIELD EXPERIENCE: 20

Program Entrance Requirements

• Hold initial certification in art (P-12) from the State of Georgia or a state that has Georgia certificate reciprocity. For more information on this agreement, see http://www.gapsc.com/TeacherCertification/Reciprocity.asp
• A professional portfolio of 12 to 24 artworks and/or related professional projects. The portfolio may consist of original works, slides, or digital images placed on a CD or website and submitted for approval to the Department of Art Chair.

• An interview with the Chair of the Art Department and/or faculty.

Program Completion Requirements:
• Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C”;

• Successful completion of all components in the Capstone research, exhibition, and presentation; and

• Submission and approval of an application for graduation by the published deadline

Course Descriptions for all Graduate Education Programs

ART EDUCATION

ART 620. Art Education Methods 3 hours
Studio work, seminars, and presentations on planning and implementing an art program for grades P-8. Emphasis on teaching studio, art history and aesthetic inquiry methods appropriate for early childhood and middle grades. Directed field-based experience required. Teaching of laboratory classes required.

ART 621. Art Education Methods 3 hours
Studio work, seminars, and presentations on planning and implementing an art program for grades 9-12. Emphasis on teaching studio, art history and aesthetic inquiry methods appropriate for secondary education. Directed field-based experience required. Teaching of laboratory classes required.

ART 630. Art Criticism and Aesthetic Inquiry 3 hours
A study of issues in art criticism and aesthetics, including artistic theories and the analysis and evaluation of works of art. Case studies and reviews of specific works are examined. Creative, pedagogical and social implications are emphasized.

ART 650. Special Topics in 2D Art Studio 3 hours
Development of two dimensional studio course work as an artist/educator. Emphasis on individualized instruction leading to the development of a focused body of professional work. May be repeated for credit. Additional studio work outside of class is required.

ART 651. Special Topics in 3D Art Studio 3 hours
Development of three dimensional studio course work as an artist/educator. Emphasis on individualized instruction leading to the development of a focused body of professional work. May be repeated for credit. Additional studio work outside of class is required.

ART 675. Special Topics in Art History 3 hours
Selected topics and research problems in art history. Emphasis on individualized research with professional and/or pedagogical applications. May be repeated for credit.
ART 701. Studies in Art Instruction 3 hours
Seminars, special presentations and research projects for experienced art teachers seeking advanced professional development. Classroom techniques for studio, art history, and aesthetic inquiry will be emphasized. Directed field-based experience required. Teaching of laboratory classes required.

ART 702. Advanced Studies in Art Instruction 3 hours
Seminars, special presentations and research projects for experienced art teachers seeking advanced professional development. Curriculum development, scope and sequence, and strategies in integrating art into the educational system are discussed. Directed field-based experience required. Teaching of laboratory classes required.

ART 742. Apprentice Teaching 5 hours
Placement in a school for directed experience in the field of art education (P-8).

ART 743. Apprentice Teaching 5 hours
Placement in a school for directed experience in the field of art education (9-12).

ART 744/745. Art Internship
A candidate must complete an application for internship prior to registering for ART 744 and provide a copy of his/her year-long teaching contract to the department chair. The internship extends throughout one academic year (two semesters). It is preferable that candidates begin an internship in the fall semester and complete it the following spring semester. The internship experience is based in a public or approved private school. Internship placements may take place only within a 50 mile radius of the campus unless otherwise approved by the Dean of the School of Education. Candidates are jointly supervised by college faculty and the employing school.

ART 788. Art Education Capstone 3 hours
This course is non-transferable and must be completed at Piedmont College
Prerequisite: Application for graduation must be submitted when registering for this course.
Designed to synthesize the graduate experience for candidates in the art education program. The course culminates in research that demonstrates the individual’s mastery of the graduate program in education, including conceptual, content, and pedagogical skills. Components of this course include written documentation of research, formal presentation of research, exhibit of student and personal artwork, and a portfolio containing graduate studies.
EARLY CHILDHOOD EDUCATION (P-5)

Piedmont College’s Master of Arts in Teaching (M.A.T.) and Master of Arts (M.A.) degree programs with a major in early childhood education (E.C.E.) for grades P-5 allow for multiple paths to both initial and advanced certification. The M.A.T. program is designed to meet the needs of candidates who hold an undergraduate degree other than education and are seeking initial certification. The M.A. program is designed to meet the needs of those who hold certification in early childhood education or another field of education and are seeking advanced certification. Completion of the M.A.T. degree leads to recommendation for a Georgia Level 5 Certificate in Early Childhood Education.

The programs consist of a minimum of 58 semester hours for candidates seeking initial certification or a minimum of 31 semester hours for currently certified E.C.E. candidates seeking advanced certification. Of the 58 hours required for initial certification, 52 hours must be taken at Piedmont College. Of the 31 hours for advanced certification, 25 hours must be taken at Piedmont College. Students who hold a certificate in another field and are adding the new field of E.C.E. will be advised on an individual basis and must complete a minimum of 34 semester hours. The last 12 academic hours in the candidate’s program, exclusive of student teaching, must be taken at Piedmont College. Full-time candidates could complete the program within six semesters if the candidate is enrolled for initial certification and approved for the minimum program; or within one calendar year if seeking advanced certification and approved for the minimum program. Students may take up to six years to complete the program. No course older than six calendar years may apply toward graduation.

The candidate’s program is designed based on transcript analysis and the E.C.E. program of study to enhance any and all previous study and meet individual needs based on experiences, professional goals, and the mission of the School of Education. Candidates have to meet prerequisites in academic areas. The required courses and the electives create an effective program that meets the requirements of the candidate, Piedmont College, and the Georgia Professional Standards Commission. Through a combination of course work, use of technology, field experiences, research and integrated learning, candidates link theory and practice. Piedmont College reserves the rights to abrogate, add to, delete, or alter any regulation, requirement, or course whenever such change may be deemed necessary. Every effort will be made to keep candidates advised of any changes.

PROGRAM OF STUDY

EARLY CHILDHOOD EDUCATION

I. Initial Certification (IC) Master of Arts in Teaching

Prerequisite Degree: Bachelor’s

The Initial Certification Program of Study is designed to meet the needs of candidates who do not hold a teacher certification. Prior to Admission to Teacher Education the candidate must pass or exempt the GACE basic Skills Tests (may not complete more than 9 courses until satisfied, including approved transfer courses). After completing the program of study, the candidate must pass the GACE ECE to be recommended for an initial certification.
Required early in program unless previously satisfied:

EDUC 610. Human Growth and Development (may CLEP)
EDUC 655. Education of Exceptional Children

Course Requirements
EDUC 599. Graduate Orientation: This course is non-transferable; must be completed at Piedmont College (1 hour Institutional Credit required first semester)
EDUC 600. Educational Assessment
EDUC 601 Instructional Media and Technology
or EDUC 702 Integrating Instructional Media and Technology
EDUC 628 Literature for Children: Expanding Students’ Reading Abilities and Interests
EDUC 631. Reading Methods
EDUC 632. Language Arts
EDUC 638. Advanced Assessment and Instruction in Reading
EDUC 639. Exploration and Analysis of Reading Environments
EDUC 642. Critical Thinking and Creativity in the Classroom
or EDUC 735 Advanced Curriculum/Interdisciplinary Instruction
EDUC 690. Classroom Management
EDUC 699. Methods and Interpretation of Educational Research
EDUC 703. Social, Cultural, and Ethical Perspectives of Education
EDEC 788. Capstone (must be taken semester prior to student teaching or semester following student teaching) This course is non-transferable; must be completed at Piedmont College

CONTENT AND METHODOLOGY
(All selections are based on transcript analysis)

Select three minimum (others may be required)
EDUC 622. Health and Physical Education in the Classroom
EDUC 624. The Fine Arts in Education
EDUC 630. Mathematics Methods in Education
EDUC 634. Social Studies Methods in Education
EDUC 636. Science Methods in Education

STUDENT TEACHING BLOCK — 15 weeks ST/1 year internship:
EDUC 736. Contextual Analysis of a School Environment
EDEC 742 or 744/745. Student Teaching (K-5) or Internship (P-5)

OPTIONAL COURSES (if needed; must be approved by Department Chair)
EDUC 607. Fundamentals of Learning and Cognition
EDUC 656. Essentials of Collaboration and Inclusion
SPA 681. Spanish for the Classroom
EDUC 701. Critical Analysis of Current Trends and Issues in Education
EDUC 712. Group Processes and Interpersonal Skills
EDUC 730. School Law
TOTAL MINIMUM NUMBER OF HOURS COURSE WORK: 58

MINIMUM HOURS OF FIELD EXPERIENCE: 90

Program Completion Requirements

- The GACE Basic Skills Tests passed or exemption filed (a candidate can take no more than nine courses without meeting this requirement);

- Admission to Teacher Education completed;

- Submit and have approved an application for graduation the semester before graduation.

- Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C”;

- Passing score on the GACE ECE certification tests is required for certification;

- Successful completion of capstone; and

- Successful completion of program portfolio

II. Advanced Certification (AC) (Master of Arts)
Prerequisite Degree: Bachelor’s and Teaching Certificate in Early Childhood (P-5)

COURSE REQUIREMENTS
Select one with advisor approval (3 hours)

EDUC 599. Graduate Orientation (Institutional Credit-1 hr./Req. 1st sem.)
This course is non-transferable; must be completed at Piedmont College.
EDUC 638. Advanced Assessment and Instruction in Reading
EDUC 642. Critical Thinking and Creativity in the Classroom
EDUC 699. Methods and Interpretation of Educational Research
EDUC 701. Critical Analysis of Current Trends and Issues in Education
EDUC 703. Social, Cultural, and Ethical Perspectives of Education
EDUC 730. School Law
EDUC 788. Capstone (must be taken last semester of program)
This course is non-transferable; must be completed at Piedmont College.

CONTENT AND METHODOLOGY:
Select one with advisor

EDUC 628. Literature for Children: Expanding Students Reading Abilities and Interests
EDUC 630. Mathematics Methods in Education
EDUC 634. Social Studies Methods in Education
EDUC 636. Science Methods in Education
EDUC 735. Advanced Curriculum/Interdisciplinary Instruction
SPED 633. Curriculum and Differentiated Instruction
ELECTIVES:
Select two with advisor

EDUC 600. Educational Assessment
EDUC 607. Fundamentals of Learning and Cognition
EDUC 624. The Fine Arts in Education
EDUC 628. Literature for Children: Expanding Students Reading Abilities and Interests
EDUC 639. Exploration and Analysis of Reading Environments
EDUC 656. Essentials of Collaboration and Inclusion
SPA 681. Spanish for the Classroom
EDUC 690. Classroom Management
EDUC 702. Integrating Media and Technology
EDUC 712. Group Processes and Interpersonal Skills
EDUC 750. The Knowledgeable Teacher
EDUC 770. The Foxfire Approach to Instruction

TOTAL MINIMUM NUMBER OF HOURS COURSE WORK: 31
MINIMUM HOURS OF FIELD EXPERIENCE: 20

Program Completion Requirements
• Submit and have approved an application for graduation the semester before graduation.
• Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C.”
• Successful completion of Capstone.

III. Adding a New Field (ANF)
Prerequisite Degree: Bachelor’s with teaching certificate in field other than E.C.E.

This program of study is designed for candidates who are currently certified in another field other than Early Childhood Education (E.C.E.). However, several optional certification routes are now available. A candidate may wish to explore the alternate certification options on the PSC website (www.gapsc.com).

The candidate must pass the GACE E.C.E. (tests 001 and 002) to add E.C.E. to a valid certificate. A candidate and his/her advisor must consider all areas and previous course work when making course selections. Selections must also be based on a transcript analysis.

The following courses need to be satisfied as soon as possible if not previously met:

EDUC 610. Human Growth and Development (May CLEP)
EDUC 631. Reading Methods
EDUC 632. Language Arts
EDUC 655. Exceptional Children
EDEC 740. Practicum in E.C.E.
COURSE REQUIREMENTS:
EDUC 599. Graduate Orientation (1 hour institutional credit) This course is non-transferable; must be completed at Piedmont College
EDUC 601. Instructional Media and Technology
or EDUC 702 Integrating Instructional Media and Technology
EDUC 638. Advanced Assessment and Instruction in Reading
EDUC 639. Exploration and Analysis of Reading Environments
EDUC 642. Critical Thinking and Creativity in the Classroom
EDUC 699. Methods and Interpretation of Educational Research
EDUC 701. Critical Analysis of Current Trends and Issues in Education
EDUC 703. Social, Cultural, and Ethical Perspectives of Education
EDUC 788. Capstone (Must be taken last semester of program) This course is non-transferable; must be completed at Piedmont College.

CONTENT AND METHODOLOGY:
(All selections are based on transcript analysis; select two minimum, others may be required)
EDUC 622. Health and Physical Education in the Classroom
EDUC 624. The Fine Arts in Education
EDUC 628. Literature for Children: Expanding Students’ Reading Abilities and Interests
EDUC 630. Mathematics Methods in Education
EDUC 634. Social Studies Methods in Education
EDUC 636 Science Methods in Education
EDUC 735. Advanced Curriculum/Interdisciplinary Instruction

ELECTIVE:
(Select one with your advisor)
EDUC 600 Educational Assessment
EDUC 607 Fundamentals of Learning and Cognition
EDUC 624 The Fine Arts in Education
EDUC 628 Literature for Children: Expanding Students’ Reading Abilities and Interests
EDUC 656 Essentials of Collaboration and Inclusion
SPA 681 Spanish for the Classroom
EDUC 690 Classroom Management
EDUC 712 Group Processes and Interpersonal Skills
EDUC 730 School Law
EDEC 740 Practicum (P-5) (Required and open only upon recommendation of advisor)
EDUC 750 The Knowledgeable Teacher (Pre-req., 3 years of successful teaching experience on a clear renewable certificate)
EDUC 770 The Foxfire Approach to Instruction
Program Completion Requirements

• Submit and have approved an application for graduation the semester before graduation;

• Earn an overall G.P.A. of 3.0 in all graduate courses attempted, with not more than one grade of “C”;

• Passing score on the GACE ECE certification tests is required for added certification;

• Successful completion of capstone.
MIDDLE GRADES EDUCATION, 4-8

Piedmont College’s Master of Arts (M.A.) degree program with a major in middle grades education (M.G.E.) for grades 4-8 allows for advanced certification. The program is designed to meet the needs of those who hold certification in middle grades education and are seeking advanced certification. Completion of the program leads to recommendation for a Georgia Level 5 certificate in Middle Grades Education.

The program consists of a minimum of 31 semester hours, 25 of which must be taken at Piedmont College. Full-time candidates could complete the program within one calendar year if approved for the minimum program. Students may take up to six years to complete the program. No course older than six calendar years may apply to graduation.

The candidate’s program is designed based on transcript analysis and the M.G.E. program of study to enhance previous study and meet individual needs based on experiences, professional goals, and the mission of the School of Education. Candidates have to meet prerequisites in academic areas. The required courses and electives create an effective program that meets the requirements of the candidate, Piedmont College and the Georgia Professional Standards Commission. Through a combination of course work, use of technology, field experiences, research and integrated learning, candidates link theory and practice. Piedmont College reserves the right to abrogate, add to, delete, or alter any regulation, requirement, or course whenever such changes may be deemed necessary. Every effort will be made to keep candidates advised of any changes.

Course Requirements

**Cluster A – (10 hours)**

EDUC 599. Graduate Orientation (Institutional Credit)  **This course is non-transferable; must be completed at Piedmont College**

EDUC 703. Social, Cultural, and Ethical Perspectives of Education

Two courses from Content

**Cluster B – (12 hours)**

EDMG 645. Advanced Teaching in the Middle School

EDUC 699. Methods & Interpretation of Educational Research

One course from Content

Elective

**Cluster C – (6 hours)**

One course from Content

Elective

**Cluster D – (3 hours)**

EDMG. Capstone  **This course is non-transferable; must be taken at Piedmont College**

**TOTAL MINIMUM NUMBER OF HOUR COURSE WORK: 31**

**MINIMUM HOURS OF FIELD EXPERIENCE: 20**
Content
(To be taken during Clusters A, B, C): Some courses may require prerequisites.
(Select 4 in one content area with advisor)

Natural Science
The 500-level courses are for those who have no experience in the course being taught:

- PHY 500. Topics in Physical Science
- CHEM 500. Topics in Chemistry
- BIO 510. Topics in Biological Science
- GEO/ES 500. Topics in Earth Science

The following courses are for those candidates who have a degree or the equivalent in science:

- BIO/ES 601. Methods of Study of Aquatic Environments
- BIO/ES 602. Research in the Study of Aquatic Environments I
- BIO/ES 603. Research in the Study of Aquatic Environments II
- BIO 610. Topics in Biological Science
- CHEM 600. Topics in Chemistry
- CHEM 601. Research in Chemistry
- GEO (ES) 600. Topics in Earth Science
- PHY 600. Topics in Physical Science

English

- ENG 601. Seminar in World Literature
- ENG 602. Medieval Literature
- ENG 603. British Renaissance
- ENG 605. Shakespeare
- ENG 608. Restoration and 18th Century Literature
- ENG 615. Romantic Literature
- ENG 621. Victorian Literature
- ENG 626. 20th Century British Literature
- ENG 627. American Romanticism
- ENG 628. 20th Century American Literature
- ENG 629. Multicultural American Literature
- ENG 630. Literature of the American South
- ENG 631. History of the English Language
- ENG 650. Seminar in Composition Studies
- ENG 690. Special Topics

Mathematics

- MATH 500. Transition to Higher Mathematics
- MATH 630. Advanced Problem Solving
- MATH 685. Advanced Topics in Mathematics I
- MATH 686. Advanced Topics in Mathematics II
- MATH 687. Advanced Topics in Mathematics III
Social Science
ANT 600.  Advanced Studies in Anthropology
HIS 600  Early American History
HIS 601  Recent American History
HIS 602  US History since 1945
HIS 610  History of the Ante-Bellum South
HIS 611  History of the New South
HIS 612  History of Georgia
HIS 620  Recent Latin America
HIS 621  World History I
HIS 622  World History II
HIS 630  Special Topics
PS 600.  Advanced Studies in Political Science
PS 650.  Government Institutions
EDUC (SOCS) 606. Economics for Teachers

Electives
(To be taken during Cluster A or C) 6 hours.

Select two with your advisor
EDUC 600.  Educational Assessment
EDUC 601.  Instructional Media and Technology
EDUC 607.  Fundamentals of Learning and Cognition
EDUC 628.  Literature for Children
EDUC 642.  Critical Thinking and Creativity in the Classroom
EDUC 656.  Collaborative Practice
SPA 681.  Spanish for the Classroom
EDUC 690.  Classroom Management
EDUC 701.  Critical Analysis of Current Trends and Issues in Education
EDUC 712.  Group Processes and Interpersonal Skills
EDUC 730.  School Law
EDUC 770  The Foxfire Approach to Instruction

Program Completion Requirements
• Submit and have approved an application for graduation the semester before graduation;
• Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C”;
• Successful completion of capstone.

See Course Descriptions on page 282.
MUSIC EDUCATION, P-12

Piedmont College offers two degrees in music education: the Master of Arts in Teaching (M.A.T.) leading to initial certification and the Master of Arts (M.A.) leading to advanced certification. The M.A.T. program is designed to meet the needs of traditional students who hold a degree in music (or equivalent). The M.A. program is designed to meet the needs of those who hold initial certification in music and wish to pursue advanced certification in music. Students who wish to enter the program and who do not possess a B.A. degree in music may have to complete that degree or equivalent study prior to program entry.

The programs consist of 42-43 semester hours for candidates seeking initial certification (M.A.T.) and 33 hours for those seeking advanced certification (M.A.). The range of hours for the M.A.T. degree is due to the possibility of candidates completing course work before entering the program, either in another graduate program or as an undergraduate.

The program for each candidate is designed based on the audition, placement testing, and transcript analysis. The program is also designed to enhance previous study, and meet individual needs based on experiences, professional goals, and the mission of the School of Education. If it is determined, after transcript evaluation, that a candidate has deficiencies in music, he/she must complete the deficiencies prior to full acceptance into the graduate music education program.

The required education and content area courses, as well as the education electives, create an effective program that meets the requirements of the candidate, Piedmont College, and the Professional Standards Commission. Through a combination of course work, field experiences, research, use of technology, and music training, candidates will link theory with practice in enhancing their skills in teaching music in schools. Piedmont College reserves the rights to abrogate, add to, delete, or alter any regulation, requirement, or course whenever such change may be deemed necessary. Every effort will be made to keep candidates advised of any changes.

PROGRAM OF STUDY

MASTER OF ARTS IN TEACHING—MUSIC EDUCATION: INITIAL CERTIFICATION

This program of study will guide the student in program completion if not certified. Prior to admission to teacher education, the student must pass Praxis I or GACE I and then pass Praxis II or GACE II to receive certification in music education.

Course Requirements

EDUC 355/655. Exceptional Children is a prerequisite or corequisite for the M.A.T. in Music Education.

Required (18 hours—or show evidence of completion as an undergraduate or another graduate program)

EDUC 601. Instructional Media and Technology 3 hours
EDUC 703. Social, Cultural, and Ethical Perspectives of Education 3 hours
EDUC 699. Methods & Interpretation of Educational Research 3 hours
(or EDSE 696/697/698)
EDUC 642. Critical Thinking and Creativity in the Classroom 3 hours
EDUC 690. Classroom Management 3 hours
EDUC 607. Learning and Cognition 3 hours
or EDUC 610. Human Growth and Development 3 hours

Apprentice Teaching Sequence (9-10 hours)

MUS 742. Apprentice Teaching in Music 4 hours
MUS 743. Apprentice Teaching in Music 5 hours
or EDEC/SE 744/745. Internship (if teaching in the field) 10 hours

Content Courses (12 hours minimum—more if candidates show evidence of completion of education courses.)

*MUS 601. Music Education Methods, EC/MG 3 hours
*MUS 602. Music Education Methods, SE 3 hours
** MUS 701. Advanced Study in Music Education 3 hours
MUS 675. Special Topics in Music History
(May be repeated for credit) 3 hours
*MUS 591-692. Applied Music Lessons
(May be repeated for credit, 4 hours required) 2 hours each
MUS 636. Advanced Conducting and Literature 2 hours
MUS 512. Seminar in Music Theory 3 hours
MUS 650. Applied Pedagogy (vocal, piano, or choral) 3 hours

Elective content courses will be determined by advisor and candidate after transcript evaluation, and will be based on candidate’s interests, strengths, and weaknesses.

Participation in at least one ensemble is required each fall and spring semester: 1 hour credit each, 0 hours count toward the degree.

Capstone Presentation (3 hours)
EDUC/MUS 788. Fine Arts Capstone Exhibition/Project 3 hours

This course is non-transferable and must be completed at Piedmont College.

*Required Content Courses

**Required if MUS 601 and 602 have been completed on the undergraduate or graduate level. If 601 or 602 (or undergraduate equivalents) have been completed prior to admission to the program, the hours must be satisfied with content area courses.

TOTAL MINIMUM NUMBER OF COURSE WORK HOURS: 42-43

MINIMUM HOURS OF FIELD EXPERIENCE PRIOR TO

APPRENTICE TEACHING: 20

The range of total credit hours is due to the possibility of candidates’ completion of course work before entering Piedmont’s program.
Program Entrance Requirements
• Hold a B.A. in Music (or equivalent) from a regionally accredited institution;
• Audition on major instrument (voice, piano, organ, etc.);
• Minimum score on Music Theory Placement Exam (contact the graduate music education coordinator for minimum requirements);
• Show evidence of having successfully completed a senior-level recital on major instrument; and
• Show evidence of, or pass, a Piano Proficiency Exam.

Program Completion Requirements
• Praxis I or GACE I passed (consult “Admission to Teacher Education” requirements);
• Admission to teacher education completed;
• Successful completion of capstone exhibition;
• Completion of the music education portfolio;
• Submit and have approved an application for graduation the semester before graduation; and
• Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C.”

Passing score on Praxis II or GACE II examination required for certification.

See Course Descriptions on page 282.

PROGRAM OF STUDY
MASTER OF ARTS — MUSIC EDUCATION:
ADVANCED CERTIFICATION
COURSE REQUIREMENTS
Required (9 hours—or show evidence of completion)

EDUC 601. Instructional Media and Technology 3 hours
EDUC 703. Social, Cultural, and Ethical Perspectives in Education 3 hours
EDUC 699. Methods and Interpretation of Educational Research 3 hours
(or EDSE 696/97/98)

Education Electives (3 hours minimum - chosen from the list below, or approved by the Music Department Chair)

EDUC 600. Assessment 3 hours
EDUC 603. American High School 3 hours
EDUC 712. Group Processes and Interpersonal Skills 3 hours
EDUC 607. Fundamentals of Learning and Cognition 3 hours
EDUC 701. Critical Analysis of Current Trends and Issues in Education 3 hours
EDUC 702. Integrating Instructional Media and Technology 3 hours
EDUC 795. Applied Research Project 3 hours
EDUC 798. Special Topics in Education 3 hours
EDUC 730. Law of the Classroom 3 hours
EDUC 690. Classroom Management 3 hours
Content Courses (18 hours minimum — more if candidates show evidence of completion of education courses.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*MUS 701.</td>
<td>Advanced Study in Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MUS 675.</td>
<td>Special Topics in Music History</td>
<td>3</td>
</tr>
<tr>
<td>*MUS 591-692.</td>
<td>Applied Music Lessons (May be repeated for credit)</td>
<td>2 each</td>
</tr>
<tr>
<td>MUS 636.</td>
<td>Advanced Conducting and Literature</td>
<td>2</td>
</tr>
<tr>
<td>*MUS 512.</td>
<td>Seminar in Music Theory</td>
<td>3</td>
</tr>
<tr>
<td>*MUS 650.</td>
<td>Applied Pedagogy (vocal, piano, or choral)</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective content course will be determined by advisor and candidate after transcript evaluation, and will be based on candidate’s interests, strengths, and weaknesses.

Participation in at least one ensemble each fall and spring semester: 1 hour credit each, 0 hours count toward the degree.

**Capstone Presentation (3 hours)**

MUS/EDUC 788. Fine Arts Capstone Exhibition/Project 3 hours

This course is non-transferable and must be completed at Piedmont College.

*Required Content Courses

**TOTAL MINIMUM NUMBER OF COURSE WORK HOURS: 33**

**MINIMUM HOURS OF FIELD EXPERIENCE: 20**

**Program Entrance Requirements**
- Hold initial certification in Music (P-12) from the State of Georgia or a state that participates in the Interstate Certification Agreement. For more information on this agreement, see [http://www.gapsc.com/TeacherCertification/Reciprocity.asp](http://www.gapsc.com/TeacherCertification/Reciprocity.asp);

- Audition on major instrument (voice, piano, organ, etc.);
- Minimum score on Music Theory Placement Exam (contact the graduate music education coordinator for minimum requirements);
- Show evidence of having successfully completed a senior-level recital on major instrument; and
- Show evidence of, or pass, a Piano Proficiency Exam.

**Program Completion Requirements**
- Successful completion of capstone exhibition;
- Completion of the music education portfolio;
- Submit and have approved an application for graduation the semester before graduation; and
- Earn an overall GPA of 3.0 in all graduate courses attempted, with not more than one grade of “C.”

See Course Descriptions on page 282.
SECONDARY EDUCATION (6-12)
Secondary Education offers programs for Master’s degrees and recommendation for Georgia T-5 certificates, grades 6 – 12, in the following fields: English, history, mathematics, and broadfield science. The objective of all programs is to encourage and equip teachers to be reflective, scholarly practitioners who are proactive in improving schooling in their communities. Each program combines solid grounding in pedagogy with instructional practices and content knowledge.

Middle Grades Certification may be added to any secondary education program. For specific requirements, refer to the middle grades add-on option on the advisement checklist for your intended field of certification.

MASTER OF ARTS IN TEACHING (M.A.T.)
Initial Certification
For candidates who hold a bachelors degree, who are not currently certified in Georgia, and who seek initial certification in secondary education in English, history, mathematics or broadfield science.

These 45 semester-hour (minimum) programs include a year-long apprentice teaching or internship block, plus courses in education and appropriate course work in the content field (based on an analysis of each candidate’s content-field experience). NOTE: Most candidates’ programs require more than the minimum number of courses in the content field. For details, refer to the current advisement sheet in the intended field of certification.

Orientation and Screening: As part of the Admission to Teacher Education Process, all candidates in this program are required to attend the Secondary education orientation and Screening event the first time it is offered after entering the program, as well as passing both an interview and a writing assessment. Failure to do so will result in being denied registration in subsequent semesters. This workshop is offered fall and spring semesters.

In addition to completing the requirements for the Master’s degree, a passing score on the appropriate GACE II tests in the intended field of certification is required for recommendation for certification.

Dual-Degree Track: For Piedmont undergraduates intending to pursue a secondary education Master’s of Arts in Teaching program in English, or history, or mathematics, or broadfield science leading to recommendation for a T-5 Georgia teaching certificate.

Candidates for the Dual-Degree program first secure a bachelors degree, following the courses of study provided in the sections of this catalog dealing with their respective majors for a career in secondary education, including EDSE 366 Foundations and Practicum in Secondary Education. The Dual Degree track continues with the Master of Arts in Teaching.

Refer also to Fast-Track Admissions, page 238.

Undergraduate prerequisite course for Dual Degree Track
EDSE 366. Foundations and practicum in secondary education
M.A.T. Program of Study

A. Required Courses
EDUC 601. Instructional Media and Technology
EDUC 655. Education of Exceptional Children
EDUC 603. American High School
EDUC 696/7/8. Educational Research Sequence
EDUC 788. Capstone (Exhibition) This course is non-transferable and must be completed at Piedmont College.
EDUC 656. Reading Improvement (for English M.A.T. only)

B. Electives
Number of electives varies by program. Refer to the current advisement checklist in the intended field of certification. The following are highly recommended for all initial certification candidates.

EDUC 600. Educational Assessment
EDUC 642. Critical Thinking and Creativity in the Classroom
EDUC 703. Social, Cultural and Ethical Perspectives
EDUC 712. Group Processes and Interpersonal Skills
EDUC 690. Classroom Management

C. Teaching Experience Sequence (Apprentice or Intern Teaching)

Apprentice Teaching (one year, beginning Fall Semester)
EDSE 736. Advanced Instructional methods (Fall)
EDSE 742. Apprentice Teaching Observation (Fall)
EDSE 737. Advanced Instructional Methods (Spring)
EDSE 743. Apprentice Teaching (Spring, full-time)

Intern Teaching (Candidates teaching on a non-renewable certificate)
EDSE 736. Advanced Instructional Methods (Fall)*
EDSE 744. Intern Teaching (Fall)
EDSE 737. Advanced Instructional Methods (Spring)
EDSE 745. Intern Teaching (Spring)

NOTE: Candidates wishing to fulfill the teaching experience sequence at a private school are advised that private schools must be pre-approved for apprentice and intern placements in order for that experience to satisfy this requirement.

NOTE: The College assures candidates in our secondary education programs that we can provide supervision of apprenticeships and internships at public schools and approved private schools located within 40 miles of either the Demorest or Athens campuses. Consideration of supervision of internships beyond 50 miles is on a case-by-case basis and requires approval by the Chair of Secondary Education prior to registering for an internship. A candidate should not consider an internship on the assumption that Piedmont is obliged to provide that service.

Candidates are expected to arrange with their host schools to leave school on days of the methods class to arrive on time every time the class meets. Responsibility for extra-curricular school activities, including band, chorus, theatre, and athletics, is not an accepted reason for missing class sessions.
D. Subject Matter Courses:
Minimum requirement is nine semester hours at the graduate level (600 or higher) in the field of intended certification. Most programs provide an option for more subject matter courses as electives.

NOTE: Candidates with undergraduate majors in fields not specifically intended for secondary education careers will be required to add to their programs additional 300-, 400-, and 500-level courses in order to provide a substantial content knowledge base for teaching and for passing GACE II. Courses at 300-, 400-, and 500-level will not count toward the requirement for graduate level content courses.

Master of Arts in Secondary Education (M.A.)
Advanced Certification
This program is for teachers currently certified in Georgia seeking advanced certification in the same field or in a new field. The 36-semester-hour program (minimum) involves a combination of education and content-field courses, planned with an advisor, and based on an analysis of each candidate’s background and professional needs. Refer to the current advisement checklist in the field of certification for details.

For teachers adding a new field: (a) there may be a substantial requirement of additional content courses in the new field; (b) a two-semester hour practicum is required (EDSE 740); and (c) a passing score on the GACE II test in the new field of certification is required for recommendation for certification.

Each candidate in this program is required to take EDSE 660 Advanced Studies in Instruction the first time it is offered after entering the program. Failure to do so may result in being denied registration in subsequent semesters. EDSE 660 is offered fall and spring semesters.

M.A. Program of Study
A. Required
EDUC 601. Instructional Media and Technology*
EDUC 655. Education of Exceptional Children*
EDSE 660. Advanced Studies in Instruction
EDUC 603. American High School
EDUC 696/7/8. Educational Research
EDSE 788. Capstone (Exhibition)  This course is non-transferable and must be completed at Piedmont College.

*Unless met in undergraduate courses or approved professional development programs

NOTE: Required courses completed in a previous certification program, as undergraduate courses, or in professional development programs, may be replaced with an equal number of hours in either education or content courses.

B. Recommended Electives
(Number of electives varies by program. Refer to the current advisement checklist in the intended field of certification.)
EDUC 600. Educational Assessment
EDUC 642. Critical Thinking and Creativity in the Classroom
EDUC 703. Social, Cultural and Ethical Perspectives
EDUC 712. Group Processes and Interpersonal Skills
EDUC 770. The Foxfire Approach
EDUC 795. Applied Research Project
EDUC 798. Special Topics

C. Subject Matter Courses
Minimum requirement is nine semester hours at the graduate level (600 or higher) in the field of intended certification. Most programs provide an option for more subject matter courses as electives.

Secondary Education Content Course Descriptions
ANT 600: Advanced Studies in Anthropology 3 hours
The course requires intensive reading and/or research on anthropological topics. The content of the course can vary from course to course. The course may be taken more than once for credit if the course topic is different.

BIO/ES 601. Methods for the Study of Aquatic Environments 3 hours
Prerequisites: All science courses necessary to be certified at the T-4 level. Field and statistical methods for sampling and analyzing changes in lakes and streams including resident populations of vertebrate and invertebrate organisms as well as physical aspects such as water quality. This requires on-campus participation in an intensive two-week course that entails all day and evening lecture and field sessions.

BIO/ES 602. Research in the Study of Aquatic Environments I 2 hours
Prerequisite: BIO/ES 601. Independent research conducted in consultation with instructors of BIO/ES 601.
Focus is on monitoring changes in populations of specific groups of resident organisms or physical aspects of selected freshwater environments. A written progress report and bibliography generated by comprehensive literature review is required.

BIO/ES 603. Research in the Study of Aquatic Environments II 3 hours
Prerequisite: BIO/ES 602.
Continuation of independent research begun in BIO/ES 602. A written report and seminar presentation of findings are required.

BIO 510/610. Topics in Biological Science 3 hours
This course is based on current topics and issues in the world of science. Students will research current scientific developments in the areas of environmental biology, ecology, genetics, etc. Begins with theories and concepts related to ecosystem interactions and modeling and ends with concepts related to genetics and genetic engineering with special emphasis placed on those topics required by the National Science Education Standards, the Georgia Department of Education, and topics stressed on the Praxis II or GACE II General Science Exam.

CHEM 500/600: Topics in Chemistry 3 hours
This course is based on current topics and issues in the area of chemistry. Examples include biochemistry, pharmacology, and synthetic compounds. This course is specifically designed for students seeking the M.A. or M.A.T. degree.
CHEM 601. Research in Chemistry 3 hours
Prerequisite: All science courses necessary to be certified at the T-4 level and at least one course in organic chemistry.
Course will include OSHA regulations and guidelines for laboratory safety as well as the proper storage and disposal of chemicals. Students will begin researching the chemical literature. First five-week summer session: two meetings with the instructor and one or more laboratory or research session per week. Individual research project into the synthesis and reactions of novel organic compounds. Investigation of the means of synthesis of specific chemical substrates and their isolation and identification. Students are required to synthesize and characterize the compounds needed for the final project. Properly maintained laboratory notebooks will be required for satisfactory completion of this course.

CHEM 602. Synthesis and Reactions of Organic Compounds 3 hours
Prerequisite: CHEM 601.
Second five-week summer session: one or more meetings with instructor and two to three laboratory sessions per week. Individual research to be carried out by the student independently. Students are to investigate the rates of hydrolysis and other reactions of a series of organic compounds that have been specifically modified. A written report, following the guidelines of the American Chemical Society, and a seminar presentation of the results of the research are required.

ES/Geo 500/600. Topics in Earth Sciences 3 hours
This course is based on current topics and issues in the world of science. Students will research current scientific developments in the areas of astronomy, physics, chemistry, and geology. Begins with theories and concepts related to cosmology and ends with concepts related to subatomic chemistry, with special emphasis placed on those topics required by the National Science Education Standards, the Georgia Department of Education, and topics stressed on the Praxis II or GACE II General Science Exam. The course will be delivered primarily using an on-line format with meetings to be held if deemed necessary.

ENG 507. Short Story 3 hours
Evaluative reading and criticism of selected short stories.

ENG 508. Novel 3 hours
Evaluative reading and criticism of representative novels from the 18th century to the present.

ENG 509. Poetry 3 hours
Evaluative reading of poetry from all periods, including some in translation.

ENG 511. Drama 3 hours
Evaluative reading and criticism of selected plays.

ENG 512. Non-Fiction 3 hours
A study of literary non-fiction including autobiography/memoir, diaries/journals, slave narratives, oral history, reform literature, and true crime.

ENG 531. Becoming an English Teacher 3 hours
EDUC 740, or a course with adequate field experience
Study of history, standards, and current trends of the profession, as well as strategies for teaching English.
ENG 550 Survey of English Usage for Teachers 3 hours
A survey of rhetoric, grammar, and the historical development of English for use in the classroom.

ENG 601. Seminar in World Literature 3 hours
An interdisciplinary approach to the world literature in translation with emphasis on fine arts.

ENG 602. Medieval Literature 3 hours
Selected British prose, poetry, and drama from the eighth to the fourteenth century.

ENG 603. British Renaissance 3 hours
Survey of major British authors of the sixteenth and seventeenth centuries; emphasis on Spenser and Milton.

ENG 605. Shakespeare 3 hours
Shakespeare’s major works.

ENG 608. Restoration and Eighteenth-Century Literature 3 hours
Survey of major British authors of the late seventeenth and eighteenth centuries.

ENG 615. British Romanticism 3 hours
Representative works of English Romantic literature.

ENG 621. Victorian Literature 3 hours
Representative works of English Victorian literature.

ENG 626. Twentieth-Century British Literature 3 hours
Writings of major twentieth-century authors of Great Britain and Ireland, including ethnic literature.

ENG 627. American Romanticism 3 hours
Survey of the major nineteenth-century American romantic literature.

ENG 628. Twentieth-Century American Literature 3 hours
Survey of twentieth-century authors of the United States.

ENG 629. Multicultural American Literature 3 hours
Study of non-canonical texts in American literature with a focus on pedagogical strategies.

ENG 630. Literature of the American South 3 hours
Southern American literature from the Colonial period to the present.

ENG 650. Seminar in Composition Studies 3 hours
Instruction in the history of composition studies and the teaching of writing at the secondary and post-secondary levels.

ENG 656. Reading Improvement at the Secondary Level 3 hours
A survey of materials, methods, developmental and remediation programs, and library research at the secondary level.

ENG 690. Special Topics 3 hours
Topics may vary. Check the schedule for the current offering.
GEO/ES 500/600: Topics in Earth Science
This course is based on current topics and issues in the areas of earth and space science. Examples include hydrology, atmospheric science, and stellar evolution. This course is specifically designed for students seeking the M.A. or M.A.T. degree.

HIS 600 Early American History. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements of the period of American history from the Pre-Columbian Era to the outbreak of the American Civil War. May be offered on-line (WebCT format) or in the classroom.

HIS 601 Recent American History. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements of the period from the conclusion of the American Civil War to the present. May be offered on-line (WebCT format) or in the classroom.

HIS 602 United States History Since 1945. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major elements of the period from the end of World War II to the present. May be offered on-line (WebCT format or in the classroom).

HIS 610 History of the Ante-Bellum American South. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements from the colonial era to the Secession (the “Old South”). May be offered on-line (WebCT format or in the classroom).

HIS 611 History of the “New South.” 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements of history of this region from the Era of Reconstruction to rise of the Sun Belt. May be offered on-line (WebCT format) or in the classroom.

HIS 612 History of Georgia. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements from the period immediately preceding European settlement to the present. Major personalities and the relationship of the colony/state with the other colonies/states are emphasized. May be offered on-line (WebCT platform) or in the classroom.

HIS 620 Recent Latin America. 3 Hours
A graduate level directed readings course in which conflicting historical interpretations and primary sources comprise major content elements in the history of Latin America from the “Liberation” to the present. Special emphasis is focused on the relationship of the region with the United States of America. May be offered on-line (WebCT format) or taught in the classroom.

HIS 621 World History I 3 Hours
A graduate level directed readings course in which conflicting historical interpretations, cross-cultural interaction and influence, and primary sources comprise major elements in the history of man from the beginning of civilization to the Enlightenment. May be offered on-line (WebCT format) or in the classroom.
HIS 622  World History II  
A graduate level directed readings course in which conflicting historical interpretations, 
cross-cultural interaction and influence, and primary sources comprise major elements in 
the history of civilized man from the Enlightenment to the present. May be offered on-line 
(WebCT format) or in the classroom.

HIS 630  Special Topics  
A graduate level directed readings and/or research based course whose content varies in ac-
cordance with student interest not met by the content in any existing HIS 600 level course. 
May be taught on-line (WebCT) or in the classroom.

MATH 500. Transition to Higher Mathematics  
Prerequisite: Calculus I and II or permission of instructor. 
Topics include discrete mathematics, college geometry, and linear algebra. A student may 
enroll in MATH 500 a maximum of three times. This course does not satisfy the graduate-
level content requirements for the M.A. or M.A.T. programs.

MATH 630. Advanced Problem Solving in Mathematics  
Prerequisite: Undergraduate major in mathematics; valid, clear-renewable mathematics 
(6-12) certificate; or consent of instructor. 
Advanced problem solving techniques applied to various topics in mathematics including 
algbera, number theory, combinatorics, differential and integral calculus.

MATH 685/686/687. Advanced Topics in Mathematics  
Prerequisite: Undergraduate major in mathematics; valid, clear-renewable mathematics 
(6-12) certificate; or consent of instructor. 
Topics including advanced combinatorics, cryptology, historical perspective of mathemat-
ics, and numerical methods.

PHY 500/600: Topics in Physical Science  
This course is a survey course of physics. It covers mechanics, properties of matter, heat, 
sound, electricity and magnetism, and light. No math prerequisite is required for this course. 
It is specifically designed for students seeking the M.A. or M.A.T. degree.

PS 600. Advanced Studies in Political Science  
The course requires intensive reading and/or research on political science topics. The content 
of the course can vary from course to course. The course may be taken more than once for 
credit if the course topic is different.

PS 650. Governmental Institutions  
Prerequisite: PS 220 or permission of instructor. 
An in-depth examination of the major national institutions of government focusing on the 
presidency, judiciary, Congress, political parties, and elections.

SOCS/EDUC 530. Content and Pedagogy  
An integration of the disciplines of the Broadfield Social Sciences through research, discus-
sions and pedagogy.
SOC 600. Advanced Studies in Sociology 3 hours
This course is designed to meet the content needs of M.A.T. Secondary Education whose teaching area is Broad Field Social Sciences. The course requires intensive reading and/or research on sociological topics. The content of the course can vary from course to course. The course may be taken more than once for credit if the course topic is different.

SOCS/EDUC 606. Economics for Teachers: Concepts and Applications 3 hours
A survey of selected economic concepts applied at the macro and micro levels. Designed to meet the needs of M.A.T. Secondary Education Broadfield Social Sciences majors.
SPECIAL EDUCATION

GENERAL CURRICULUM (P-12)

Piedmont College’s Master of Arts in Teaching (M.A.T.) and Master of Arts (M.A.) degree programs, with a major in Special Education General Curriculum for grades P-12, allow for multiple paths to both advanced (M.A.) and initial certification (M.A.T.). Both the M.A. and M.A.T programs are designed to meet the needs of candidates with a degree in education and candidates with a bachelor’s degree other than education seeking initial certification and lead to recommendation for a Georgia level 5 certificate.

To meet students’ professional goals, the M.A. and M.A.T. programs are designed to link theory and practice through a combination of course work, technology-based instruction, field experiences, research, and integrated learning. The candidate’s program is based on transcript review, previous work experience, the curriculum of the special education program, requirements of Piedmont College, and the Georgia Professional Standards Commission.

PROGRAM OF STUDY

Special Education General Education Curriculum: Instructional and Behavior Support Specialist (P-12)

Initial Certification: Master of Arts in Teaching (M.A.T.)

Prerequisite Degree: Bachelors

Program Requirements

All requirements for admission to teacher education, as described in the catalog, must be met. In addition to the graduate admissions requirements listed, all candidates must submit three letters of recommendation that address potential for teaching students with disabilities. A passing score on the appropriate GACE II examination is required for certification.

Program Prerequisites

EDUC 601 or In Tech Certification (or equivalent)

EDUC 655. Exceptional Children

Program Requirements

(Cluster A)

EDUC 600. Educational Assessment
SPED 602. Characteristics of Mild/Moderate Disabilities
SPED 606. Behavior Management for Special Educators
SPED 607. Single Case Research Methods for Special Educators
EDUC 631. Advanced Reading Methods
SPED 633. Curriculum and Differentiated Instruction
EDUC 656. Essentials of Collaboration and Inclusion
SPED 684. Advanced Strategies for Behavior Change/Functional Behavior Analysis
(Cluster B)
SPED 742. Student Teaching
SPED 744. Internship I
SPED 745. Internship II
SPED 780. Capstone Seminar **This course is non-transferable; must be completed at Piedmont College**

**Hours 42-43 Minimum: Content Area also required.**

After all requirements for cluster A and B and appropriate assessment requirements are met, candidates may be recommended for the Special Education General Curriculum Certificate, which prepares them to work in a consultative setting with a content teacher of record.

**(Cluster C) Special Education General Curriculum Academic Concentrations**

Content Area recommendation is also required for graduation.

In order to be assigned as the Teacher of Record in Math, Science, Social Sciences, Language Arts, or Reading, candidates must have the appropriate Special Education Certificate and the appropriate content concentration. To be recommended by Piedmont College for content concentrations at the 4-8 cognitive levels, candidates must develop a Plan of Academic Concentration with their advisor based on undergraduate and graduate transcripts and the requirements of the Georgia Professional Standards Commission. NOTE: Academic concentration requirements may also be met by passing the GACE appropriate content assessment.

**Program Completion Requirements:**
- GACE I (consult admissions to teacher education requirement);
- Admission to Teacher Education Program completed;
- Submit and have approved an application for graduation the semester before graduation;
- Earn an overall GPA of 3.0 in all graduate courses attempted with not more than one grade of “C”; and
- Approval of Capstone (SPED 780) with a passing score

Note: Passing score on appropriate GACE II examination is required for certification.

See course descriptions under Master-Level Education Programs

**SPECIAL EDUCATION GENERAL EDUCATION CURRICULUM: INSTRUCTIONAL AND BEHAVIOR SUPPORT SPECIALIST (P-12)**

**Master of Arts (M.A.)**
Prerequisite Degree: Bachelor’s with teaching certificate

**Program Requirements**
In addition to the graduate admissions requirements listed in the catalog, all candidates must submit three letters of recommendation that address potential for teaching students with disabilities. A passing score on the appropriate GACE II examination is required for certification.
Program Prerequisites:
EDUC 601 or In Tech Certification (or equivalent)
EDUC 655. Exceptional Children
EDUC 631. Reading Methods

Program Requirements
(Cluster A)
EDUC 600. Educational Assessment
SPED 602. Characteristics of Mild/Moderate Disabilities
SPED 606. Behavior Management for Special Educators
SPED 607. Single Case Research Methods for Special Educators
SPED 633. Curriculum and Differentiated Instruction
EDUC 656. Essentials of Collaboration and Inclusion
SPED 684. Advanced Strategies for Behavior Change/Functional Behavior Analysis
EDUC 703. Social, Cultural, and Ethical Perspectives of Education
SPED 705. Policies and Legal Issues in Special Education

(Cluster B)
SPED 740. Applied Practicum
SPED 780. Capstone Seminar This course is non-transferable and must be completed at Piedmont College.

Hours: 33 hours

After requirements for cluster A and B and appropriate assessment requirements are met, candidates may be recommended for the Special Education General Curriculum certificate, which prepares them to work in a consultative setting with a content teacher of record.

(Cluster C) Special Education General Curriculum Academic Concentrations
Content Area recommendation is also required for graduation.

In order to be assigned as the Teacher of Record in Math, Science, Social Sciences, Language Arts, or Reading, candidates must have the appropriate Special Education Certificate and the appropriate content concentration. To be recommended by Piedmont College for content concentrations at the 4-8 cognitive levels, candidates must develop a Plan of Academic Concentration with their advisor based on undergraduate and graduate transcripts and the requirements of the Georgia Professional Standards Commission. NOTE: Academic concentration requirements may also be met by passing the GACE appropriate content assessment.

Program Completion Requirements:
• Submit and have approved an application for graduation the semester before graduation;
• Earn an overall GPA of 3.0 in all graduate courses attempted with not more than one grade of “C”; and
• Approval of Capstone (SPED 780) with a passing score

NOTE: Passing score on appropriate GACE I (or Praxis II) examination is required for certification.

See course descriptions under Master-Level Education Programs, Page 291
Course Descriptions for All Master-Level Education Programs

Art Education

Art 601. Art Education Methods, E.C.E./M.G. 3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
Studio work, seminars, and presentations on planning and implementing an art program for grades P-8. Emphasis on teaching studio, art history and aesthetic inquiry methods appropriate for early childhood and middle grades. Directed field-based experience required. Teaching of laboratory classes required.

Art 602. Art Education Methods, SE 3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
Studio work, seminars, and presentations on planning and implementing an art program for grades 9-12. Emphasis on teaching studio, art history and aesthetic inquiry methods appropriate for secondary education. Directed field-based experience required. Teaching of laboratory classes required.

Art 630. Art Criticism and Aesthetic Inquiry 3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
A study of issues in art criticism and aesthetics, including artistic theories and the analysis and evaluation of works of art. Case studies and reviews of specific works are examined. Creative, pedagogical and social implications are emphasized.

Art 650. Special Topics in Art Studio 3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
Studio course work in selected areas of painting, drawing, photography, graphic design, ceramics and sculpture. Emphasis on individualized instruction leading to the development of a focused body of professional work. May be repeated for credit. Additional studio work outside of class is required.

Art 675. Special Topics in Art History 1-3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
Selected topics and research problems in art history. Emphasis on individualized research with professional and/or pedagogical applications. May be repeated for credit.

Art 701. Advanced Study in Art Instruction 3 hours
Prerequisite: Graduate standing in art education, or consent of instructor.
Seminars, special presentations and research projects for experienced art teachers seeking advanced professional development. Classroom techniques for studio, art history, and aesthetic inquiry will be emphasized. Directed field-based experience required. Teaching of laboratory classes required.

Art/Mus 788. Fine Arts Capstone Exhibition/Project 3 hours
This course is non-transferable and must be completed at Piedmont College.
Application for graduation must be submitted when registering for this class.
Designed to synthesize the graduate experience for candidates in the music education program. The course culminates in a project that demonstrates the individual's mastery of the graduate program in music education, including conceptual, content, and pedagogical
skills. Candidates will submit a formal written document of the project and will demonstrate their work in a public presentation to peers, faculty, and other attendees at the end of the semester.

**MUSIC EDUCATION**

MUS 512. Seminar in Music Theory 3 hours
Prerequisite: Graduate Standing in Music Education.
This course will provide an intensive study of traditional harmony and from analysis learned in the undergraduate curriculum, as well as the study of a variety of advanced music theory topics. Students will consider various pedagogical approaches toward teaching fundamental music theory concepts covered in the early units.

MUS 601. Music Education Methods I-E.C.E./M.G. 3 hours
Prerequisite: Graduate Standing in Music Education.
This course provides students the opportunity to study the principles and methods of teaching music in early childhood and middle grades classrooms through the development of musical skills and the learning of proven methods of teaching to teach and direct a class in musical activities. Directed field-based experience is required. Teaching of laboratory classes required.

MUS 602. Music Education Methods II-SE 3 hours
Prerequisite: Graduate Standing in Music Education
This course provides students the opportunities to study the principles and methods of teaching music in secondary school classroom through the development of musical skills and the learning of proven methods of teaching to teach and direct a class in musical activities, including rehearsal methods. Directed field-based experience is required. Teaching of laboratory classes required.

MUS 636. Advanced Conducting and Literature 3 hours
Prerequisite: Graduate Standing in Music Education
A continuation of the skills learned in undergraduate conducting, this course is advanced study of the techniques of conducting vocal and instrumental ensembles with emphasis on the advanced development of one’s individual style of conducting and rehearsing; score reading, analysis, and interpretation. Advanced study in choral and instrumental literature for high school choruses, bands, and/or orchestras.

MUS 650. Advanced Applied Pedagogy 3 hours
Prerequisite: Graduate standing in Music Education, or approval of the Music Department Chair
This course is designed as an extension of the undergraduate pedagogy course, giving graduate candidates in the music education program opportunities to continue to develop pedagogical techniques in piano, vocal, and/or choral music. Course work will include written reviews of periodical articles and reference texts. A research paper on a pedagogical topic is required.

MUS 675. Special Topics in Music History 3 hours
Prerequisite: Graduate Standing in Music Education
This course is designed for the study of special topics in music history that are not part of the formal offering within the music department.
MUS 701. Advanced Study in Music Education 3 hours
Prerequisite: Graduate Standing in Music Education
This course is designed to give certified and experienced music teachers additional study in the area of music education and give them the opportunity to improve their knowledge of instructional methods, and the opportunity to learn from the experiences of their colleagues, administrators, and community members. Current trends in music education research will be discussed and explored. Each candidate will make presentations based on their personal experience in their areas of interest and expertise.

MUS 742. Apprentice Teaching in Music (Observation) 4 hours
Prerequisite: Graduate standing, 3.0 cumulative GPA, recommendation of advisor and field placement coordinator.
A 16-week experience during which students work under the joint supervision of a certified teacher and college supervisor in the classroom.
Candidates should be aware that prior to apprentice teaching they will undergo a criminal background check. Applications to apprentice teaching may be denied based upon information presented in these background clearances. The consent form for the background check is attached to the apprentice teaching application.
Apprentice teaching placements in art and music are made at the discretion of the art and music department chairs and the School of Education. Placements will be made within a 50-mile radius of the Demorest campus unless otherwise approved by the art and music department chairs.

MUS 743. Apprentice Teaching in Music 5 hours
Prerequisite: Satisfactory completion of ART/MUS 742 3.0 cumulative GPA, recommendation of advisor and field placement coordinator.
A continuation of the apprentice teaching experience during which candidates work full-time under the joint supervision of a certified teacher and college supervisor in the classroom.

MUS 788. Fine Arts Capstone Exhibition/Project 3 hours
This course is non-transferable and must be completed at Piedmont College.
Application for graduation must be submitted when registering for this class.
Designed to synthesize the graduate experience for candidates in the music education program. The course culminates in a project that demonstrates the individual's mastery of the graduate program in music education, including conceptual, content, and pedagogical skills. Candidates will submit a formal written document of the project and will demonstrate their work in a public presentation to peers, faculty, and other attendees at the end of the semester.

EARLY CHILDHOOD, MIDDLE GRADES, SECONDARY & SPECIAL EDUCATION

EDUC/SOCS 530. Content and Pedagogy 3 hours
An integration of the disciplines of the Broadfield Social Sciences through research, discussions and pedagogy. Designed to meet the needs of M.A.T. Secondary Education History majors.

EDUC 537. Teaching Reading and Writing in the Content Areas 3 hours
This course is designed to prepare middle grades teachers to utilize reading and writing skills as tools for learning in the content areas. Teacher candidates will be able to employ a
three-part learning framework and strategies for implementing the framework within their content fields. During this course, candidates will utilize varied types of print and non-print content materials in developing skills for training students in content literacy skills. Individual needs of learners will be addressed in determining the appropriateness of varied grouping strategies and comprehension activities for each learner. Directed field-based experience required.

EDUC 599. Graduate Orientation 1 hour
This course is non-transferable and must be completed at Piedmont College.
This course provides an overview of the early childhood and middle grades graduate programs for candidates entering Piedmont College. The purpose of the course is to strengthen communication and consistency across the programs by preparing candidates to conceptualize their entire program of study early on and continue to build on themes across the graduate experience. Candidates will explore policies and procedures of the College and the School of Education related to their program of study. Issues and concerns will be discussed about APA writing guidelines, admission to teacher education, teacher certification, field experiences, requirements for graduation, student teaching and internships, advisement issues, professional development, programmatic themes, resources and services of the College, and library facilities.

EDUC 600. Educational Assessment 3 hours
This course is designed to provide participants with the assessment tools necessary to enhance learning for diverse student populations. The course will address ways to assess higher order cognitive objectives and authentic tasks to improve instruction. Candidates will participate in activities that enhance understanding of assessment task development, analysis, and interpretation. They will examine ways to facilitate communication within the teaching and learning situation. Documenting student performance and progress, both for instructional and accountability purposes, will be emphasized. Candidates will develop and use new assessments to enhance students’ learning, communicate with parents and students, and create change about views toward assessment. (Field experience required.)

EDUC 601. Instructional Media and Technology 3 hours
The Instructional Media and Technology course is designed to familiarize participants with technologies that are impacting, will impact, and could potentially impact education. Applications and effective use of instructional media in technology, including integration throughout the curriculum, use of multimedia technology, computer-assisted instruction and practices, computers and cooperative learning, computer simulations and problem solving, and the use of computers as a management tool will be explored. Participants will develop a unit of instruction incorporating technology to be used in the classroom. (Field experience required.)

EDUC 603. American High School 3 hours
Examination of how secondary schools came to be as they are. Engages critical and reform studies. Reading, conversations, and projects.

EDUC/SOCS 606. Economics for Teachers: Concepts and Applications 3 hours
A survey of essential economics concepts contained in the Georgia Performance Standards. Designed for middle and secondary teachers of history, geography, economics and other social sciences. Grade appropriate curriculum materials and planning for instruction are addressed.
EDUC 607. Fundamentals of Learning and Cognition  
A study of the basic principles of human learning and cognition and their practical applications in education including the selection of appropriate methods, materials, and experiences. This course will focus upon ways to apply learning theories to classroom instruction. (Field experience required.)

EDUC 610. Human Growth and Development  
Reviews of the theories of human development through the life span with a focus on cognition, intelligence, socialization, and achievement. The course will cover information about observable behavior as well as mental processes, such as emotions, perceptions, thinking and memory involved in the biological, cognitive, and psychosocial development of humans. Through classroom and directed field-based experiences, candidates will gain an understanding of human development. (Field experience required.)

EDUC 622. Health and Physical Education in the Classroom  
A survey of health, physical education, and safety activities, methods, and materials appropriate for early childhood students in the classroom and on the playground. Information will be provided for developing, organizing, planning, and implementing a developmental early childhood physical education program. Indoor classroom activities are presented to reinforce skills learned in language arts, mathematics, social studies, science, and other areas. Through directed field-based experiences and through classroom experiences, the candidate will learn to become an effective proactive teacher who is comfortable and proficient in teaching aspects of health, physical education, and safety. (Field experience required.)

EDUC 624. The Fine Arts in Education  
Participants will investigate the principles, theories and the practice of using art, music, drama, and play in all curriculum areas. The course will include activities in the fine arts areas, which can be used to teach those areas, as well as material in other subject areas through cross-discipline teaching, for the purpose of enhancing and integrating a creative process approach for instruction in the classroom. The emphasis in this course is to formulate methodological styles for teaching the fine arts and in doing so, generate activities that can be used to help students better understand the fine arts. (Field experience required.)

EDUC 628. Literature for Children: Expanding Students’ Reading Abilities and Interests  
The purpose of this course is to familiarize candidates with literature appropriate for children in the early childhood and middle grades. Candidates will explore guidelines for selecting appropriate children’s literature and reading strategies to enhance the development of life long reading. Topics for consideration include: multi-ethnic literature appropriate for the various age groups; techniques for stimulating children’s interest in literature; computer software programs, internet capabilities, and other media that enhance the use of children’s literature; children’s special needs and developmental responses to literature; criteria for book selection/evaluation; strategies for integrating children’s literature into an interdisciplinary curriculum; and methods for stimulating critical and creative thinking through the use of children’s literature. (Field experience required.)

EDUC 630. Mathematics Methods in Education  
Candidates will analyze the knowledge, skills and dispositions necessary to teach all students mathematics. Current issues, procedures, philosophies and techniques will be evaluated. Emphasis is placed on national and state mathematics standards, using manipulatives, and the content and processes involved in teaching mathematics. (Directed field experience required.)
EDUC 631. Reading Methods 3 hours
Corequisite: EDUC 632 (Must be taken in the same semester)
A study of the major approaches to reading instruction incorporating current theories and research practices. Candidates will explore procedures and materials for developing, conducting, managing, and evaluating effective developmental reading programs: whole language, basal reading, language experience approach (LEA), emergent literacy, reading readiness, and literature based. Topics include: the cognitive constructivist view of reading, emergent literacy, knowledge about print, phonemic awareness and phonics, word recognition, word-study instruction, vocabulary development, comprehending narrative and expository texts, content area reading, analysis and development of multimedia reading materials, literacy instruction for non-native speakers of English, needs of exceptional learners, and appropriate diagnostic procedures. (Field experience required.)

EDUC 632. Language Arts 3 hours
Corequisite: EDUC 631 (Must be taken in the same semester).
A study of basic content in communication, including the exploration of current issues, materials, techniques and methods for teaching the process components (reading, writing, speaking, listening, viewing, and visual representation). A variety of applications of these process components will be explored to enable the candidate to become proactive in planning, implementing, and evaluating effective language arts programs. Topics include: how children learn language; language-rich classrooms; the reading and writing processes; the listening process; conversations; dramatic activities; reading and writing stories, reports, and letters; reading and writing poetry; and spelling, handwriting, and grammar tools. A focus will be on integrating children’s literature in all areas of the curriculum. (Field experience required.)

EDUC 634. Social Studies Methods in Education 3 hours
A study of the content of the social sciences as applied to the environment of the child. Current issues in social studies education, methods, procedures, and techniques of instruction and evaluation, with an emphasis on current events and multicultural education, are explored. (Field experience required.)

EDUC 636. Science Methods in Education 3 hours
A study of the basic content and general principles of the natural sciences including current issues, developmentally appropriate materials, procedures, and techniques of instruction. Emphasis is placed on instructing students to learn problem-solving through the scientific method.

Candidates will come to understand and improve, in a practical way, the use of basic science skills (observing, classifying, measuring, inferring, predicting) and applied science skills (generating hypotheses, data collecting, drawing conclusions) for which future teachers may be prepared to use in the P-5 grade levels. (Field experience required.)

EDUC 638. Advanced Assessment and Instruction in Reading 3 hours
Prerequisite: EDUC 631 and EDUC 632.
This course recognizes the necessity of a teacher to possess a thorough understanding and competence in classroom assessment/diagnostic principles and instructional practices for improving learner reading ability. Emphasis is placed on providing candidates with theoretical and practical experiences that will enhance and strengthen their knowledge base and enable them to gain competence with: 1) the reading processes, 2) the skills of reading, 3) reading assessment tools, 4) techniques and strategies for addressing specific reading strengths
and difficulties of students, and 5) procedures for developing individual prescriptions for reading improvement based on identified student needs. Topics include: 1) what teachers need to know about reading assessment, 2) changing trends in assessment, 3) ongoing assessment, 4) periodic in-depth assessment, 5) portfolio assessment, 6) formal measures (norm-referenced, criterion-referenced, and minimum competency testing), 7) instructional strategies for remediation, and 8) assessment factors related to reading problems. (Field experience required.)

EDUC 639 Exploration and Analysis of Reading Environments
Prerequisite: EDUC 638
Reading constitutes a major part of all studies therefore educators must have particular expertise that enables them to teach all children. The National Institute for Literacy, the International Reading Association, and the Association for Childhood Education International provide direction for evidence-based teaching of reading. The purpose of this course is for candidates to research the foundations, instructional practices, and assessment of reading and writing through evidence-based practices and related technology. They will also explore the Georgia Requirements for Classroom Teachers of Reading curriculum.

EDUC 642. Critical Thinking and Creativity in the Classroom  3 hours
A study of the principles of critical thinking, inquiry, creativity and problem solving, and evaluation of currently available programs. Processes for developing higher order thinking skills across the curriculum are explored. The purpose of this course is to help candidates acquire the knowledge, skills, and attitudes needed to design instruction to facilitate development of critical/creative habits of mind in diverse student populations. (Field experience required.)

EDMG 645. Advanced Teaching in the Middle School  3 hours
This course will enhance the expertise of middle level educators. The candidates will explore and analyze major theories and research findings concerning early adolescent development and their implications for developmentally appropriate curriculum in the middle school. The candidates will develop further expertise in pedagogy appropriate for middle grades students. Candidates will increase their knowledge of the history, philosophy and future of middle level education. (Field experience is required)

EDUC 655 Exceptional Children  3 hours
A comprehensive introduction to the education of students with special needs. The intent of this course is to provide educators with the knowledge skills, attitudes, and beliefs that are crucial to constructing learning environments which allow all students to reach their potential. A foundational knowledge in the concepts of co-teaching and differentiated instruction will be emphasized. Directed field-based experience is required.

Candidates will survey the basic characteristics and unique educational and life needs of students who have been determined to differ significantly from their “average” peers in terms of mental, physical, and/or emotional characteristics. This course will provide a foundation of legal, social, educational, medical, and psychological concepts that focus on an understanding of who exceptional children are and how their diverse needs can be met within the context of a democratic learning community. (Field experience required.)
EDUC 656 Essentials of Collaboration and Inclusion 3 hours
(Prerequisites EDUC 655).
This course examines various aspects of educating students with disabilities in the regular classroom. Beyond collaboration, this course will focus on strategies for instruction, curriculum modification, classroom accommodations and assignments. (Field Experience required)

EDSE 660. Advanced Studies in Secondary Instruction 3 hours
Advanced Certification candidates will examine their own teaching practices in reference to current research on student learning and pedagogy. Based on this assessment, each candidate will develop a Professional Development Plan as a guide for studies in the Master’s plan and beyond.

EDUC 690. Classroom Management 3 hours
A study and exploration of a variety of classroom management strategies and styles. Leadership styles, crisis control, appropriate rewards and consequences, student and teacher rights and inter-relationships, group dynamics, coping with special students, and communication between administration-teacher-parent-student are reviewed. Classroom policies and procedures for managing the daily routines are examined. (Field experience required.)

EDSE 696. Methods and Interpretation of Secondary Educational Research 1 hour
Focus on the fundamentals of research methods, procedures, and designs in order to interpret and assess research relevant to education.

EDSE 697. Constructing a Review of the Literature 1 hour
Prerequisite: EDSE 696.
Candidate constructs a professional-level Review of the Literature on previous research on a topic or issue of relevance to the candidate and the field.

EDSE 698. Action Research 1 hour
Pre- or Corequisite: EDSE 697.
Candidate will design, implement, interpret, and present in a formal Research Report original research on a topic or issue of relevance to the candidate and the field.

NOTES: (1) Candidates may not sign up for 697 or 698 while taking 696. (2) Candidates in 697 may sign up for 698 with permission of the instructor. (3) Candidates may space out courses in this sequence to coincide with research interests.

All field-based research projects will be reviewed by the instructor for compliance with the College policy regarding human subjects, with further review by the Institutional Review Board as needed. Therefore, all candidates involved in research with human subjects should become thoroughly familiar with the College guidelines and procedures to protect human subjects, researchers and the College.

EDUCC 699. Methods and Interpretation of Educational Research 3 hours
The purpose of this course is to study current research methods and theories, procedures and designs with an emphasis on critical thinking, assessment, action research, and collaborative research. Included in this course will be the evaluation, interpretation, and application of educational research methods. The focus of this course is the critical understanding of the knowledge, skills, and production of educational research, which can contribute to the knowledge base or can be applied to professional practice, with a special emphasis on students becoming competent consumers of research. (Field experience required.)
All field-based research projects will be reviewed by the instructor for compliance with the College policy regarding human subjects, with further review by the Institutional Review Board as needed. Therefore, all candidates involved in research with human subjects should become thoroughly familiar with the College guidelines and procedures to protect human subjects, researchers and the College.

EDUC 701. Critical Analysis of Current Trends and Issues in Education 3 hours
This course will address trends and issues that impact the educational establishment. Candidates will explore, analyze, and question the current trends and issues that primarily impact schools today. They will reconsider and synthesize old and new knowledge, which will assist them in becoming scholarly, reflective, and proactive educators. (Field experience required.)

EDUC 702. Integrating Instructional Media and Technology 3 hours
Prerequisite: EDUC 601 or approved exemption.
An advanced study of instructional media and technology for educators. Candidates learn to be more proficient in the use of advanced technology in the classroom. (Field experience required).

EDUC 703. Social, Cultural, and Ethical Perspectives of Education 3 hours
The purpose of this course is to provide the candidate with an in-depth critical exploration and analysis of various social, cultural, and ethical perspectives on education. Particular attention will be given to those contemporary perspectives that focus on the functions of education for the individual and society, as well as those that deal with the interrelationships among the public school/education community and culture. (Field experience required.)

EDUC 712. Group Processes and Interpersonal Skills 3 hours
An examination of group process skills with an emphasis on cooperative learning activities, interaction processes, and patterns of verbal and non-verbal communication in the classroom. This course aims to provide participants with an understanding of group processes as applied to real life situations, pertaining to both teachers and students. By combining a review of the historical perspectives of group dynamics with the practical experience of in-class group activities, members of the class will gain a broad repertoire of skills from the theories and concepts in this field. These skills will be useful in analyzing and understanding group issues as they occur in daily interactions with others. (Field experience required.)

EDUC 730. School Law 3 hours
A study for educators of the legal doctrines applicable to the school setting, including those dealing with truancy, curriculum, due process rights of students and teachers, freedom of speech, expression, and religion, student publications, search and seizure, student discipline, sexual harassment and discrimination, student records, student testing, terms and conditions of teacher employment, special education, and other legal rights and responsibilities of teachers.

EDUC 735. Advanced Curriculum/Interdisciplinary Instruction 3 hours
Analysis and assessment of principles for planning educational programs and curriculum activities for education with an emphasis on organization, selection, presentation, evaluation, and implementation of interdisciplinary instruction through lesson and unit planning.

The purpose of this course is to provide graduate candidates with the knowledge and skills necessary to make meaningful and effective curriculum decisions. Discussions will explore curriculum problems and issues, some of which may be solved by educational restructuring. Candidates will apply theory to practice as they explore curriculum choices available in
public schools. This course will focus, in part, on the skills of critical thinking and creativity, the inclusion of a multicultural/global perspective, and the use of technology in teaching. (Field experience required.)

EDUC 736. Contextual Analysis of a School Environment 3 hours
Corequisite: Student Teaching or Internship.
A study of instructional methods, including cooperative learning, inquiry learning, grouping considerations, and other instructional variables. Candidates will learn how to select, plan, sequence, implement, and evaluate various instructional methodologies applicable to their student teaching placement. The course includes a study of program and curriculum design in relation to individual differences among students, teaching strategies, and expected outcomes. Additional topics include: learner characteristics, classroom management and discipline techniques, assessment of students and curriculum, communicating and working with parents, understanding the school and community, and professional development. This course is integrated into a 15-hour student teaching block.

EDSE 736. Advanced Instructional Methods 2 hours
Corequisite: EDSE 742 or 744 (fall semester).
A study of instructional methods, including cooperative learning, inquiry learning, grouping considerations, and other instructional variables. Candidates will learn how to select, plan, sequence, implement, and evaluate various instructional methodologies applicable to their student teaching placement. The course includes a study of program and curriculum design in relation to individual differences among students, teaching strategies, and expected outcomes. Additional topics include: learner characteristics, classroom management and discipline techniques, assessment of students and curriculum, communicating and working with parents, understanding the school and community, and professional development.

NOTE: This course begins prior to the beginning of high school and Piedmont fall sessions. Consult Course Schedule for Fall 2009 for details. No exceptions.

EDSE 737. Advanced Instructional Methods 1 hour
Corequisite: EDSE 743 or 745 (spring semester).
A continuation of EDSE 736.

EDEC 740. Practicum (P-5) 1-3 hours
Prerequisite: Permission of chair of early childhood education.
Field-based experience with students, teachers, school personnel, and parents in education under the supervision of a college faculty member.

EDSE 740. Practicum in Instructional Proficiency 1 to 3 hours
A demonstration of proficiency in teaching grades 6-12 in a specific content field by fulfilling a planned program of instruction approved by either the practicum supervisor or the EDSE 660 instructor. Performance is evaluated on the CATA-740.

EDEC 742. Student Teaching (K-5) 9 hours
Corequisite: EDUC 736.
Prerequisite: Cumulative GPA of 3.0, admission to teacher education, and recommendation by the field placement coordinator. Permission to register form is required. Application deadlines will be posted in School of Education.

A 16-week experience during which students work full-time at a level appropriate to the certification field under the joint supervision of a certified teacher and college supervisor.
in a classroom. No other classes other than the corequisites can be taken during student teaching.

Education majors should be aware that prior to student teaching they will undergo a criminal background check. Applications to student teaching may be denied based upon information presented in these background clearances. The consent forms for the background check are attached to the student teaching application. Before being hired by a Georgia Public School System, another background check including fingerprinting will be conducted by the System.

Student teaching placements are made at the discretion of the School of Education. Placements will be made within a 50-mile radius of the campus unless otherwise approved by the Dean of the School of Education.

**EDSE 742 – 743 Apprentice Teaching Sequence (Secondary)**
Apprenticeships begin in the Fall semester with EDSE 742. Continuation in the Spring semester (EDSE 743) is contingent on (a) satisfactory performance in the Fall semester, and (b) completion of the Admission to Teacher Education requirements for unconditional admission. (Refer to page 207 for those requirements.) Performance during the apprenticeship is assessed using the Comprehensive Apprentice Teachers Assessment (CATA).

**EDSE 742. Apprentice Teaching (Fall Semester) 4 hours**
Corequisite: EDSE 736.
Prerequisite: Cumulative GPA of 3.0, and recommendation by the field placement coordinator.

The fall apprenticeship involves 16 weeks observing and working with experienced teachers for 16 to 20 hours per week minimum. Apprentices assume responsibility for at least two weeks for teaching two different grade levels and subjects.

Apprenticeship placements are at the discretion of the chair of secondary education and must be within 50 miles of either Piedmont campus, unless otherwise approved by the Dean of the School of Education.

Applications for an apprenticeship may be denied on the basis of information revealed in a criminal background check required by the State of Georgia. (Refer to Admission to Teacher Education, page 207.)

**EDSE 743. Apprentice Teaching (Spring semester) 5 hours**
Corequisite: EDSE 737.
Prerequisite: Satisfactory performance in EDSE 742 and unconditional Admission to Teacher Education.

Apprentices assume primary responsibility for instruction for at least one course at the beginning of the host schools’ Spring semester, adding courses to carry a full load for 3 to 5 weeks.

**EDEC 744 - 745 Internship (P-5) 10 hours**
Corequisite for EDEC 744 is EDUC 736.
Prerequisite: Cumulative GPA of 3.0, admission to teacher education, a non-renewable certificate issued by the PSC (which requires a passing score on the GACE ECE Tests – 001 and 002), and permission of the department chair.
A candidate must complete an application for internship prior to registering for EDUC 744 and provide a copy of his/her year long teaching contract to the department chair. The intern-
ship extends throughout one academic year (two semesters). It is preferable that candidates begin an internship in the fall semester and complete it the following spring semester. The internship experience is based in a public or approved private school. Internship placements may take place only within a 50 mile radius of the campus unless otherwise approved by the Dean of the School of Education. Candidates are jointly supervised by college faculty and the employing school.

EDSE 744 - 745 Internship Sequence (Secondary) 10 hours
Prerequisites: 1) Be under contract on a non-renewable certificate to teach grades 6 - 12 in the candidate’s intended field of certification at a school within 50 miles of either campus, unless otherwise approved by the Dean of the School of Education. 2) Have a completed application for an internship approved prior to registration for EDSE 744. Internships begin in the Fall semester with EDSE 744. Continuation in the Spring semester is contingent on (a) satisfactory performance in EDSE 744 and (b) completing Admission to Teacher Education requirements for unconditional admission. (Refer to page 207 for those requirements.)

Performance during the internship is assessed using the Comprehensive Intern Teachers Assessment (CITA).

In addition to instructing a full-time schedule of courses, interns are expected to maintain a schedule of observations of other teachers in a variety of fields.

NOTE: Interns are expected to make arrangements at their respective schools to get to the methods course sessions on time.

EDSE 744 Internship (Fall semester)
Corequisite: EDSE 736

EDSE 745 Internship (Spring)
Corequisite: EDSE 737

EDUC 750. The Knowledgeable Teacher 3 hours
Prerequisite: Three years of successful teaching experience on a clear renewable certificate.
This course is designed to provide the experienced teacher with the opportunity to demonstrate personal commitment to excellence in the practice of teaching. Participants will measure their own teaching against vigorous national standards established by varied related professional associations.

EDUC 770. The Foxfire Approach to Instruction 3 hours
Enables P-12 instructors to implement the Foxfire approach to instruction in any subject, any grade level. The course combines practical applications with the theoretical conceptions of the Foxfire approach. Involvement in follow-up activities is expected.

EDEC/MG/SE 788. Capstone/Exhibition 3 hours
This course is non-transferable and must be completed at Piedmont College.
Application for graduation must be submitted when registering for this class. Designed to synthesize the candidate’s graduate experience, culminating in a project that demonstrates the individual’s mastery of the graduate program, including conceptual, content, and pedagogical skills. In other words, candidates demonstrate the integration of theory and practice related to content knowledge and pedagogical strategies. Candidates have the
opportunity to affect school change. Candidates will submit a formal written document of the culminating project and will demonstrate their work in a public presentation to peers, faculty, and other guests at the end of the semester.

EDUC 795. Applied Research Project 1-3 hours
Prerequisite: Permission of appropriate department chair.
The development and implementation of an applied project in education (quantitative or qualitative research), under the supervision of a graduate faculty member. This course allows individuals or groups to study and to do research in topic(s) selected from their professional interests. Candidates are expected to examine professional literature and read widely in their chosen topic. Candidates will exhibit qualities of the scholarly, reflective, and proactive practitioner. (Field experience required.)

EDUC 798. Special Topics in Education 1-3 hours
Prerequisite: Permission of appropriate department chair.
Concentrated readings and a review of research studies and literature relative to areas of significance in education through a special project, under the supervision of a graduate faculty member.

SPED 602 Characteristics of Mild/Moderate Disabilities 3 hours
This course will examine learning and behavioral characteristics of students with mild and moderate disabilities. This course will focus on the needs of the learner rather than a disability category. (Field Experience required)

SPED 606 Behavior Management for Special Educators 3 hours
This course is designed to prepare educators to manage inappropriate behaviors of students utilizing Applied Behavior Analysis and applying these for the preparation of Functional Behavior Analysis and Behavior Intervention Programs. (Field Experience required)

SPED 607 Single Case Research for Special Educators 3 hours
Prerequisite EDUC 655, SPED 602, SPED 606
This course focuses on the study and application of current research methods, procedures, and designs to aid in the process of individualizing instructions and behavior management in the classroom. Emphasis is placed on developing an understanding of approaches and techniques used to conduct single-subject research and to analyze resulting data which can be applied to professional practice. (Field Experience required)

SPED 633 Curriculum and Differentiated Instruction 3 hours
Prerequisites EDUC 655, SPED 602, SPED 606
This course will examine curriculum and instructional methodology for effectively educating students with disabilities and those from various socioeconomic and culturally diverse backgrounds. (Field Experience required)

SPED 684. Advanced Strategies for Behavior Change/Functional Behavior Analysis 3 hours
Change/Functional Behavior Analysis
Prerequisite: SPED 606 or equivalent and 602.
This course is designed to present candidates with advanced strategies for modifying problem behaviors of students. Application of learning theory, measurement procedures, and verification of functional relationships will be emphasized. Knowledge of significant research in applied behavior analysis will be facilitated through reading current journals and publications. (Field experience required.)
SPED 699. Single-Case Research Methods for Special Educators 3 hours
The purpose of this course is the study and application of current research methods, procedures and designs to aid in the processes of individualizing instruction and behavior management in the classroom. Candidates will develop an understanding of approaches and techniques used to conduct single-subject research and to analyze resulting data which can be applied to professional practice.

SPED 705 Policies and Legal Issues in Special Education 3 hours
(Prerequisites: EDUC 655, SPED 602, SPED 606)
This course is designed to highlight the history and current status of litigation and school law which serves as the foundation for Special Education. The purpose of this course is to teach educators about laws and policies that affect students with disabilities. (Field Experience required)

SPED 740 Applied Practicum 3 hours
Permission of department chair
Field-based experience with students, teachers, school personnel and parents of students with disabilities under supervision of college faculty. All field-based research projects will be reviewed by the instructor for compliance with the college policy regarding human subjects with further review by the Institutional Review Board as needed. Therefore, all candidates involved in research with human subjects should become thoroughly familiar with the College guidelines and procedures to protect human subjects, researchers and the college.

SPED 742 Student Teaching 9 hours
Prerequisite: Cumulative GPA of 3.0, admission to teacher education, and permission of the department chair. The student must be fully admitted to Teacher Education and have permission of the Dean of Education. Permission to register form is required. Application deadlines will be posted in the School of Education. A 16-week experience during which teacher candidates work full time under the joint supervision of a certified teacher and college supervisor in a collaborative classroom for students with disabilities.

Education majors should be aware that prior to student teaching they will undergo a criminal background check. Applications to student teaching may be denied based upon information presented in these background clearances. The consent forms for the background check are attached to the student teaching application. Before being hired by a Georgia public school system, another background check including fingerprinting will be conducted by the school system.

Student teaching placements are made at the discretion of the School of Education. Placements will be made within a 50-mile radius of the campus unless otherwise approved by the Dean of the School of Education.

SPED 744 Internship I 5 hours
SPED 745 Internship II 5 hours
The course extends throughout one academic year with periodic seminars. This experience, based in a public school, emphasizes the application and integration of developmental and instructional principles in an interdisciplinary setting. Students will be jointly supervised by college faculty and the employing school.

Students taking each of the internships must have completely filled out internship forms and submitted them to the Department of Special Education prior to placement.
SPED 780 Capstone Seminar (with required portfolio exhibition) 3 hours

This course is non-transferable and must be completed at Piedmont College.
Application for graduation must be submitted when registering for this class.
The purpose of this course is to provide the educators with a synthesizing opportunity in order to integrate the program objectives in an applied format. Application will take place through the development of a Capstone portfolio and the exhibition.
EDUCATION SPECIALIST DEGREE
IN TEACHING AND LEARNING (ED.S.)

Preparing distinguished teaching and learning leaders
to improve the lives of all children.

Program Overview
The goal of the Specialist Program in Teaching and Learning is to develop distinguished contributing teachers as leaders, mentors, and models across schools and systems. The primary purpose of schooling is Teaching and Learning; therefore, all teachers, staff, and administrators must focus through habits of mind on the ultimate goal of providing students with the best and most appropriate education possible through continuous school improvement. Regular classroom teachers, teachers in specialty areas, lead teachers, department heads, building level administrators, as well as staff and administrators at the district levels need to view themselves as Teaching and Learning leaders and through proactive, scholarly and reflective professional and pedagogical development thereby provide Teaching and Learning expertise and leadership to students and peers both formally and informally.

The Specialist Program in Teaching and Learning offers components that address the qualities necessary for distinguished teaching and leadership. The program provides a rigorous and scholarly pragmatic approach that meets the needs of candidates in various geographic and educational contexts. To that end, participants complete 30 hours of coursework, which combine theory and practice and culminate in a research-based project aimed at school improvement.

Continuous themes and curricula guide, instruct, and develop the professional educator toward attainment of distinguished levels of theory and practice so that they may become contributing members in the professional discourse of improving schooling.

Portfolio
Each candidate in Piedmont’s Specialist Program develops a customized professional portfolio as an integral component of the program. Early in the program the Teaching and Learning team considers the professional needs of the candidates and refines the curriculum and activities for its cohort to meet these needs.

The Professional Portfolio is a requirement of the EDS degree program and is designed to give the candidate the opportunity to select, organize, and present evidence of their own accomplishment first of the criteria for the Georgia Framework for Teaching and additionally of the core outcomes for both the School of Education as well as the Education Specialist Program. It is an accountability piece, which provides assessment information regarding the effectiveness of our program and the candidate’s accomplishments of state criteria.

Coursework
All courses 3 semester hours
Program of Study

The specialist program in Teaching and Learning offers components that address the qualities necessary for preparing distinguished teaching and leadership. The program will provide a rigorous and scholarly pragmatic approach that will meet the needs of candidates in various geographic and educational contexts. To that end, participants are required to complete coursework in the core which consists of 21 semester hours and then complete their program with a concentration in either Teaching and Learning or Leading and Learning taking the remaining 9 semester hours for the program degree.

These courses form a holistic approach to the 30-hour program of study as continuous themes and curricula to guide, instruct, and develop the professional educator to attain distinguished levels of both theory and practice and become contributing members in the professional discourse of improving schooling.

Core Courses (required of all degree candidates)

EDS 800 Orientation and portfolio Seminar 3 hours
This course is designed to orient candidates to the Ed.S. Program and complexities of the Extended Framework for Teaching Portfolio. The purpose of the course is to strengthen communication and consistency across the candidate’s program by preparing him or her to conceptualize the entire program of study early on and continue to build on themes across the graduate experience. Candidates will explore policies and procedures of the State of Georgia and support agencies related to their program of study. Issues and concerns will be discussed about paradigms in educational, research writing guidelines, requirements for graduation including the Specialist Portfolio, advisement issues, professional development, programmatic themes, resources and services of the college, and library facilities.

The goal of this course is to bring together a student’s graduate experience, culminating in a project, which demonstrates the individual’s mastery of conceptual, content, and pedagogical skills. In other words, students will demonstrate the integration of theory and practice related to content knowledge and pedagogical strategies. The culminating project could consist of a professional development portfolio. Students will give a public demonstration of their culminating project at the end of the program.

EDS 810 Contemporary Issues in Education 3 hours
This course is designed to help educational leaders understand key ideas central to ongoing research in teaching and learning. It emphasizes ways in which cultural, social and organizational contexts influence learning, and it examines knowledge from epistemology, the psychology of learning, and cognitive science, to improve teaching and help students develop to maximum potential. Through this understanding, candidates will develop strategies for change in the continuous improvement process. The course also explores the connection between educational policies and classroom practice. As a result of this course, candidates will apply current best teaching and learning practices at their institutions while modeling and providing leadership to other members of the school community.

EDS 811 Curriculum Design and School Improvement (Testing and Scheduling) 3 hours
This course will address school reform and school improvement efforts across the nation, which are directed at reform in curriculum, testing, scheduling, assessment and programming. With a strong focus on educational change today, both in the media and in the school community, and with the discussion of restructuring in education, it is important to be aware of action across the nation and attempt to relate the action to current needs in order
to be informed professional decision-makers. An examination of the media, professional journals, recommendations from various sources, (think tanks, foundations, colleges, school systems) will be the basis of the study. By relating experiences of others to the setting in which the class candidates are working, there will be realistic opportunities to consider and synthesize old and new knowledge of practices that will assist the candidate in becoming a more effective teacher and a more effective leader of other teachers.

EDS 820 Research I-Methodologies, Statistics 3 hours
The purpose of this course is the study and application of current research methods and theories, procedures, and designs with an emphasis on quantitative and/or qualitative methodologies to aid in the processes of school improvement. Candidates will develop an understanding of various approaches and techniques used to conduct research in education and to analyze resulting data. Included in this sequence of courses will be the use of assessment for interpretation and application of educational research methods. The focus of this sequence is a synthesis of the knowledge, skills, and production of educational research, which can be applied to professional practice, with a special emphasis on candidates becoming distinguished users of educational research. In order to achieve this understanding candidates will be instructed in statistical analysis methods and practices and will apply this understanding to real life cases.

To produce quality research, it is necessary to apply, analyze, synthesize, and evaluate the methodologies, processes, and procedures of research to evaluate and utilize existing research and perform needed site-specific quality research. Through the use of quality research, educators are better prepared to improve the effectiveness of Teaching and Learning and promote a positive school culture.

EDS 821 Research II- Relationship of Research to Practice 3 hours
The purpose of this course is the continuation of the study of current research methods and theories, procedures and designs with an emphasis on quantitative and/or qualitative methodologies to aid in the processes of school improvement. The focus of this course is to demonstrate the ability to synthesize educational literature and state standards, gather data for analysis, and apply research methods to educational problems. Candidates will design effective models of practice that will improve teaching and learning. Candidates will design a research project that will be presented in a proposal format. The goal will be to assess the state of scholarly literature, identify relevant questions, formulate strategies for answering them, acquire the methodological tools with which to conduct the research, and understand how to report the results in an appropriate way. The intent of this project is to implement changes that promote continuous improvement in programs for all students.

EDS 861 Data Driven Decision Making; Technology-Based Information Management 3 hours
Educational organizations are using data-driven decision making to plan for and implement more individualized Teaching and Learning for students, track resources, identify successful Teaching and Learning strategies, better allocate resources, and improve communication among all involved in the educational process. A major challenge to educators is using the diverse sets of data to make informed decision about school reform. The purpose of this course is to provide the candidate with the opportunity to collect and analyze real life data related to a local educational problem. The candidate will use the technologies appropriate for this process. The results will be used to propose various educational decisions and will be shared in a formal presentation.
EDS 877 Facilitating Communication in the Contemporary School (3 hours)
Communication involves that which is written, spoken, or implied and involves both receptive and expressive skills. Effective communication with all stakeholders is essential to the success of any organization or group. This course examines the fundamentals of communication theory. It is designed to assess communication processes, determine problems, successes, and roadblocks in communications, and improve one’s ability to communicate in both individual and large organizational settings. Specifically, issues of communications within the school setting are examined.

CONCENTRATION IN TEACHING AND LEARNING

EDS 812 Teacher Leadership 3 hours
The purpose of this course is the study and refinement of exemplary practices and theories of Teaching and Learning leadership. The emphasis of this course is to aid in the processes of school improvement and to develop and implement a plan for leading a school improvement initiative. Included in this strand will be the assessment of learner/learning styles, assessment of students, and reflection on student learning, examination of one’s own teaching/learning, processes of the democratic classroom, and supporting and embracing diversity. The focus of this strand is a synthesis of the knowledge, skills, and practice of Teaching and Learning leadership in the context of school improvement.

As leaders of school improvement, it is necessary to apply, analyze, synthesize, and evaluate models, methodologies, and roles of teachers as leaders. The public and public officials hold schools accountable for what is accomplished. As educational practitioners seek to improve their activities, schools, and school systems, the role of teachers as leaders becomes increasingly important. Through the development of quality Teaching and Learning leaders, systems are in a better position to undertake school improvements and assess outcomes to improve the quality of education.

EDT 842 Critical Thinking and Problem Solving in the Education Environment 3 hours
This course explores issues about the nature and techniques of critical reflection, viewed as a way to establish a reliable foundation for our claims, beliefs, and attitudes about the world. Evident is the exploration of multiple perspectives, placing established facts, theories, and practices against alternatives to see how things could be otherwise. Views about observation and interpretation, reasoning and inference, valuing and judging, and the production of knowledge in the context of the educational environment are considered. Special attention is given to translating what is learned into strategies, materials, and interventions for use in the candidate’s own educational and professional settings.

and

One of the cohort electives offered below:

EDUC 656 Essentials of Collaboration and Inclusion 3 hours
This course examines various aspects of educating students with disabilities in the regular classroom. Beyond collaboration, this course will focus on strategies for instruction, curriculum modification, classroom accommodations and assignments.

EDUC 770 Foxfire Methods 3 hours
Enables P-12 instructors to implement the Foxfire approach to instruction in any subject, any grade level. The course combines practical applications with the theoretical conceptions of the Foxfire approach. Involvement in follow-up activities is expected.
EDS 840 Advanced Classroom Technology     3 hours
Prerequisite EDUC 702 or POD
As teachers, each must first be a learner. Teachers must deepen their own understanding of the technology content, approaches, and applications they will teach their students. By experiencing the processes of learning, they are better prepared to help students become active, engaged technology problem solvers. As learners, teachers must be challenged at their own level of competence. They need to participate fully in the generation of compelling questions and conduct investigations that allow them to make meaning out of technology activities. As teachers practice active self-reflection, as they analyze their experience of just-completed technology activities, they begin to construct an understanding of how knowledge develops and the circumstances that stimulate or inhibit it.

The overarching goal of this course is to prepare teachers for use of technology in their classrooms and school districts at a higher level. At the completion of EDS 840, students will be a valuable asset to the learning environment of schools as technology planners, tacticians, strategists, trainers, and first level technicians. The students will act as change agents, mentors, encouragers, and continuing education instructors in the infusion of technology into classroom instruction.

EDUC 730 School Law     3 hours
A study for educators of the legal doctrines applicable to the school setting, including those dealing with truancy, curriculum, due process rights of students and teachers, freedom of speech, expression, and religion, student publications, search and seizure, student discipline, sexual harassment and discrimination, student records, student testing, terms and conditions of teacher employment, special education, and other legal rights and responsibilities of teachers.

CONCENTRATION IN LEADING AND LEARNING

Take all three courses:

* This DOES NOT qualify candidate for a leadership certificate

EDS 860 Educational Law and Ethics     3 hours
This course, designed for school leaders addresses the issues of law and policy, ethics, legal decision-making, and educational practice. Among the issues addressed are the relationship between schooling and the state, the nature and scope of students’ and teachers’ substantive and procedural rights, the legal aspects of instructional program management, tort liability, and the many meanings of equal educational opportunity. An extensive use of case study combined with current trends and issues on this topic will support the foundation of this course.

EDL 851 Organizational Contexts of Teaching and Learning (Personnel and Facilities)     3 hours
Understanding the characteristics of school organizations and their reactions to change is critical to success in educational reform and leadership. This course explores organizational processes in finance and personnel as they relate to the economic, demographic, political, legal and social contexts of teaching, learning and leading. Theoretical exploration is combined with practical analysis and application. Emphasis is placed on different strategies employed to secure needed revenue and personnel and to control the resources required to accomplish the aims of the school organization. Processes for evaluating and monitoring results are examined.
EDL 852 Monitoring and Evaluating School Practices (Policy, Governance and Financing of Educational Organizations) 3 hours

The quality of school improvement planning is heavily influenced by the school’s commitment and capacity for effective monitoring and evaluation of governance and facilities. This course is designed to provide teachers and school leaders with information relative to the design and use of monitoring processes in the school environment. The course explores processes in governance, resources, and space as they relate to the economic, demographic, political, legal and social contexts of teaching, learning, and leading. Emphasis is placed on strategies needed to implement a continuous organizational improvement approach to benefit students, parents, and the community.

Program Entrance Requirements

Master’s Degree And Certification

The applicant must:
• Possess a master’s degree from an approved, regionally accredited institution.
• Have two years of documented successful teaching experience
• Submit a copy of a current and valid teaching certificate.
• Submit official, final, and sealed transcripts from all undergraduate and graduate institutions attended. One transcript must reflect a master’s degree from a regionally accredited institution. These must be submitted in the sealed envelope sent from the registrar’s office.
• Have a minimum 3.5 GPA on the master’s level.
• Report a score on the GRE, MAT or similar standardized test typically used for admission to a graduate program.

Letters of Recommendation

The applicant must submit three letters of recommendation from professionals in the field of Education that include information about the candidate’s competence and effectiveness as a successful educator for a minimum of three years.

• One of these letters must be from a school system supervisor.
• One of these letters must be from a previous college professor or staff development instructor.
• One of these letters can be from either of the above categories or any professional in the field of Education.

Technology Skills

This program is technology intensive and candidates must possess appropriate skills in order to be successful.

Letter of intent

The applicants will be required to submit a concise, grammatically correct letter stating their purpose(s) for applying to the Education Specialist degree. This letter will be submitted to Graduate Admissions with the admissions packet as a typed, double-spaced, Courier size 14 font letter.

*Note: Acceptance to the Specialist Program will be based on the strength of the applicant’s admissions packet and essay. A Specialist Program Committee will evaluate the essays.
EDUCATION DOCTORATE
IN TEACHING AND LEARNING (ED.D.)
Preparing distinguished teaching and learning leaders
to improve the lives of all children.

PROGRAM OVERVIEW
The Education Doctorate (Ed.D.) is consistent with the goals in all Teaching and Learning graduate programs at Piedmont College. It is designed to develop eminent leaders in the field of education. The primary focus of the Ed.D. program is to facilitate transformational change of individuals and schools by preparing teacher leaders, other school professionals, and school administrators for the challenges of our rapidly changing world. The program will also serve to prepare educators for various roles in college and university teaching and in research and leadership positions in other educational institutions. Additionally, the doctoral program allows candidates to demonstrate a comprehensive knowledge base of theoretical and pedagogical issues relating to teaching and learning through adding new knowledge about their fields.

Candidates for the Ed.D. degree in Teaching and Learning are expected to engage in independent learning throughout their program. Research toward, and the ultimate completion of, the doctoral dissertation are primary examples of independent learning. Independent learning is a key component in many courses in which the aim is the development of analytical skills and critical thinking. Developing the ability to think independently leads to strengthened learning communities.

The components of the doctoral program include course work, field experience, research, and writing, culminating in the dissertation process. Candidates may earn the Specialist Degree equivalency after successful completion of the area I coursework and other requirements as indicated in the program description. The Ed.D. degree requirements include a minimum of 51 hours of coursework beyond the master’s degree and nine hours minimum of dissertation credit.

Candidates who have earned the Education Specialist (Ed.S.) degree in Teaching and Learning from Piedmont College may apply to the Ed.D. program and may transfer credit toward area I coursework requirements. Additional courses may be required for those candidates who obtained the Ed.S. before Summer 2008. Up to six hours of transfer credit beyond the master’s degree may be submitted by applicants with post master’s credit from other institutions. All transfer credit is subject to approval by the Chair of Teaching and Learning department and by the Registrar.

Admission Requirements
Eligible Applicants with a Piedmont College Ed.S. degree

- Must have current clear, renewable L-6, T-6, or S-6 certificate.
- Must have at least four years of teaching experience.
- Must have earned the Ed.S. degree at Piedmont College
- Applicants who completed the Ed.S. degree prior to summer of 2008 may be required to take two additional courses in Area I.
Eligible Applicants with a Master’s degree

- Must have a current clear, renewable L-5, T-5, or S-5 certificate
- Must have at least four years of teaching experience.
- Must have at least a Master’s degree from a regionally accredited college or university with a 3.5 cumulative GPA on a four point scale.

NOTE: Ed.S. degrees from colleges or universities other than Piedmont College are not transferable. Up to six semester hours beyond the Master’s degree may be considered for transfer credit.

Description of Admissions to Ed.D. degree

Step 1. The applicant will complete the required application file by the application deadline.

Step 2. The Ed.D. Admissions Committee will review completed application files and invite those who are approved to sit for the writing sample.

Step 3. The Ed.D. Admissions Committee will review the writing samples and invite those who are approved to be interviewed.

Step 4. The Ed.D. Admissions Committee will invite those applicants who are accepted to be candidates for the Ed.D. degree.

Graduate Admissions Requirements for applicants currently enrolled, or who have completed the Ed.S. degree from Piedmont College

Admissions Requirements

1. Completed Graduate Application
2. Non-refundable application charge ($50)
3. Two professional references from the applicant’s Piedmont College Ed.S. instructors
4. Two additional annual evaluations combined with two previous annual evaluations submitted with the Ed.S. application, which will verify four years of professional experience.
5. Professional Activities Resume
6. Copy of current clear, renewable L-6, T-6, or S-6 certificate.
7. Official test score from the GRE General Test (within last five years and reportable from ETS)
   - The target GRE score is 1100 for the combined Verbal and Quantitative Sections, and a 4.0 on the Analytic Writing section.
   - Test scores are not the sole criteria. Applicants with scores lower than the target may apply, but will need to demonstrate stronger evidence of the ability to complete doctoral courses and independent research in other areas.
8. Personal Affirmation Form

Graduate Admissions Requirements for applicants with a Master’s degree

Admissions Requirements

1. Completed Graduate Application
2. Non-refundable application charge ($50)
3. Official transcripts from every undergraduate and graduate college or university attended
4. Three Professional References, one each from
   a. supervisor
   b. former professor or instructor
   c. professional colleague
5. Four Annual Evaluations
6. Professional Activities Resume
7. Letter of Intent
8. Copy of current clear, renewable L-5, T-5, or S-5 certificate
9. Official test score from the GRE General Test (within last five years and reportable from ETS)
   The target GRE score is 1100 for the combined Verbal and Quantitative Sections, and a 4.0 on the Analytic Writing section.
   Test scores are not the sole criteria; applicants with scores lower than the target may apply and will need to demonstrate stronger evidence of the ability to complete doctoral courses and independent research in other areas.
10. Personal Affirmation Form

Coursework and Program of Study for the Teaching and Learning Education Doctorate; Ed.D. (51 hours coursework/9 hours dissertation) =60 hours minimum (All courses 3 semester hours unless indicated)

**Program of Study**

The Ed.D. in Teaching and Learning will be delivered on site, beginning in a lock-step cohort model, on the Athens and Demorest campuses of Piedmont College. Candidates will complete coursework on a schedule which is designed to provide optimum learning opportunity. Program completion is dependent on meeting dissertation requirements.

Candidates for the doctoral program must complete a minimum of 60 hours beyond the master’s degree. The program is divided into three areas. Area I courses form the foundation on which the doctoral program is built. Candidates who have completed the Ed.S. Degree at Piedmont may need two additional courses from Area I: EDS 861 Data Driven Decision Making, and EDS 877 Facilitating Communication in the Contemporary School in addition to the courses from Areas 2 and 3. These courses were not included in the Ed.S. program prior to Summer 2008 and represent relevant information needed by the candidates for the Ed.D. The curriculum for the Ed.D. program is designed to promote depth and breadth to the study of teaching and learning while promoting teacher leadership and school improvement. Candidates explore major areas of concern in the contemporary school as well as historical issues affecting schools today. A focus on standards which currently drive outcomes for the state was included in the course development process.

**AREA I (30 hours)**

EDS 800. Program Orientation and Portfolio
EDS 810. Contemporary Issues in Education:
EDS 811. Curriculum Design and School Improvement:
EDS 820. Research I-Methodologies of Research
EDS 821. Research II- Relationship of Research to Practice:
EDS 861. Data Driven Decision Making:*
EDS 877. Facilitating Communication in the Contemporary School*

*Piedmont EDS graduates prior to 2008 may be required to take these courses to obtain the Ed.D.

Track Options: Choose a track path for these 9 hours

Teaching and Learning Concentration: 9 hours
EDS 812. Teacher Leadership
EDS 842. Critical Thinking and Problem Solving in the School Environment

Or
Learning and Leading Concentration: 9 hours
EDL 851. Organizational Contexts of Teaching and Learning:
EDL 852. Monitoring and Evaluating School Practices
EDL 860. Educational Law and Ethics:

And one of the electives below
EDUC 656. Collaborative Practices
EDUC 770. Foxfire Methods
EDS 840. Advanced Classroom Technology
EDL 860. Educational Law and Ethics

*Candidates completing Area I may be eligible for an Ed.S. Degree or equivalency

Course Descriptions
EDS 800 Orientation and Program Portfolio Seminar
This course provides an overview of the Education Specialist program for entering candidates to the degree program. The goal of this course is to allow candidates to conceptualize their entire program early on so as to effectively communicate expectations, scheduling and program requirements. Candidates will explore the nature of the program including policies and procedures, course organization, conceptual framework and program philosophy and facilities and services offered by the college. The portfolio requirement will be fully explored to ensure the candidate has adequate information to begin the process.

EDS 810 Contemporary Issues in Education
This course is designed to help educational leaders understand key ideas central to ongoing research in teaching and learning. It emphasizes ways in which cultural, social and organizational contexts influence learning, and it examines knowledge from epistemology, the psychology of learning, and cognitive science, to improve teaching and help students develop to maximum potential. The course also explores the connection between educational policies and classroom practice. As a result of this course, candidates will apply current best teaching and learning practices at their institutions while modeling and providing leadership to other members of the school community.

EDS 811 Curriculum Design and School Improvement (Testing and Scheduling)
This course will address school reform and school improvement efforts across the nation, which are directed at reform in curriculum, testing, scheduling, assessment and program-
ming. With a strong focus on educational change today, both in the media and in the school community, and with the discussion of restructuring in education, it is important to be aware of action across the nation and attempt to relate the action to current needs in order to be informed professional decision-makers. An examination of the media, professional journals, recommendations from various sources, (think tanks, foundations, colleges, school systems) will be the basis of the study. By relating experiences of others to the setting in which the class candidates are working, there will be realistic opportunities to consider and synthesize old and new knowledge of practices that will assist the candidate in becoming a more effective teacher and a more effective leader of other teachers.

EDS 820 Research I-Methodologies, Statistics
The purpose of this course is the study and application of current research methods and theories, procedures, and designs with an emphasis on quantitative and/or qualitative methodologies to aid the processes of school improvement. Candidates will develop an understanding of various approaches and techniques used to conduct research in education and to analyze resulting data. Included in this sequence of courses will be the use of assessment for interpretation and application of educational research methods. The focus of this sequence is a synthesis of the knowledge, skills, and production of educational research, which can be applied to professional practice, with a special emphasis on candidates becoming distinguished users of educational research. In order to achieve this understanding candidates will be instructed in statistical analysis methods and practices and will apply this understanding to real life cases.

To produce quality research, it is necessary to apply, analyze, synthesize, and evaluate the methodologies, processes, and procedures of research to evaluate and utilize existing research and perform needed site-specific quality research. Through the use of quality research, educators are better prepared to improve the effectiveness of instruction and promote a positive school culture.

EDS 821 Research II- Relationship of Research to Practice
The purpose of this course is the continuation of the study of current research methods and theories, procedures and designs with an emphasis on quantitative and/or qualitative methodologies to aid in the processes of school improvement. The focus of this course is to demonstrate the ability to synthesize educational literature and state standards, gather data for analysis, and apply research methods to educational problems. Candidates will design effective models of practice that will improve teaching and learning. Candidates will design a research project that will be presented in a proposal format. The goal will be to assess the state of scholarly literature, identify relevant questions, formulate strategies for answering them, acquire the methodological tools with which to conduct the research, and understand how to report the results in an appropriate way. The intent of this project is to implement changes that promote continuous improvement in programs for all students.

EDS 841 Teacher Leadership: Personnel, Team Building, Evaluation (for teachers)
The purpose of this course is the study and refinement of exemplary practices and theories of instructional leadership. The emphasis of this course is to aid in the processes of school improvement and to develop and implement a plan for leading a school improvement initiative. Included in this strand will be the assessment of learner/learning styles, assessment of students, and reflection on student learning, examination of one’s own teaching/learning, processes of the democratic classroom, and supporting and embracing diversity. The focus of this strand is a synthesis of the knowledge, skills, and practice of instructional leadership in the context of school improvement.
As leaders of school improvement, it is necessary to apply, analyze, synthesize and evaluate models, methodologies and roles of teachers as leaders. The public and public officials hold schools accountable for what is accomplished. As educational practitioners seek to improve their activities, schools, and school systems, the role of teachers as leaders becomes increasingly important. Through the development of quality instructional leaders, systems are in a better position to undertake school improvements and assess outcomes to improve the quality of education.

EDD 847 Advanced Learning and Cognition
Provides an analysis of learning theory through a critical inspection of foundational and current research as they relate to contemporary issues in cognition and learning. Candidate will reflect on historical and philosophical orientations of learning and cognition to current day practice. Advanced theory, research, and applications in human learning, memory, and cognitive processes, with particular emphasis on classroom instruction, form the basis for this course.

EDL 851 Organizational Contexts of Teaching and Learning (Personnel and Facilities)
Understanding the characteristics of school organizations and their reactions to change is critical to success in educational reform and leadership. This course explores organizational processes in finance and personnel as they relate to the economic, demographic, political, legal and social contexts of teaching, learning and leading. Theoretical exploration is combined with practical analysis and application. Emphasis is placed on different strategies employed to secure needed revenue and personnel and to control the resources required to accomplish the aims of the school organization. Processes for evaluating and monitoring results are examined.

EDL 852 Monitoring and Evaluating School Practices (Policy, Governance and Financing of Educational Organizations)
The quality of school improvement is heavily influenced by the school’s commitment and capacity for effective monitoring and evaluation of governance and facilities. This course is designed to provide teachers and school leaders with information relative to the design and use of monitoring processes in the school environment. The course explores processes in governance, resources, and space as they relate to the economic, demographic, political, legal and social contexts of teaching, learning and leading. Emphasis is placed on strategies needed to implement a continuous organizational improvement approach to benefit students, parents, and the community.

EDS 860 Educational Law and Ethics
This course, designed for school leaders addresses the issues of law and policy, ethics, legal decision-making, and educational practice. Among the issues addressed are the relationship between schooling and the state, the nature and scope of students’ and teachers’ substantive and procedural rights, the legal aspects of instructional program management, tort liability, and the many meanings of equal educational opportunity. An extensive use of case study combined with current trends and issues on this topic will support the foundation of this course.

EDS 861 Data Driven Decision Making
Technology based Information Management Decisions in school districts have historically been made according to tradition, intuition, and policy. Modern technology has created the opportunity to more access to better information and now enables educational professionals to test their assumptions, identify needs, and measure outcomes. Educational organizations
are using data-driven decision making to plan for and implement more individualized instruction to students, track resources, identify successful instructional strategies, better allocate resources, and communicate better with all stakeholders. The challenge to educators is using the diverse sets of data available to make informed decisions about school reform. Case Studies will provide a foundation for exploration in this course as well as other effective instructional tools. This course examines these issues and provides opportunity for candidates to apply newly learned strategies to authentic environments.

EDS 877 Facilitating Communication in the Contemporary School
Communication involves that which is written, spoken, or implied and involves both receptive and expressive skills. Effective communication with all stakeholders is essential to the success of any organization or group. This course examines the fundamentals of communication theory. It is designed to assess communication processes, determine problems, successes, and roadblocks in communications, and improve one’s ability to communicate in both individual and large organizational settings. Specifically, issues of communications within the school setting are examined.

Area II (21 hours)

EDD 831. Curriculum Evaluation for School Improvement in the K-12 Environment
EDD 830. Philosophical Views in Education
EDD 847. Learning and Cognition: Theory to Implementation
EDD 841. Organizing Content for Differentiated Instruction
EDD 856. Collaborative Communities: Teaching and Leading in a Multicultural Environment
EDD 862. Educational Law and Policy
EDD 842. Critical Thinking and Problem Solving in the Education Environment

OR if already on transcript:

EDL 851 Organizational Contexts of Teaching and Learning

Course Descriptions

EDD 831. Curriculum Evaluation for School Improvement in the K-12 Environment
The purpose of this course is the study of school curriculum. To possess a strong understanding of curriculum, it is important to be well grounded in the character of curriculum, its history, and the theories associated with curriculum and the processes for developing, implementing and evaluating curriculum. It is also necessary to understand the impact of curriculum on student learning and its relationship to student assessment. Curriculum decision-making is a process, which is not only academic but also social and political, and a thorough understanding of the process is essential to successful curriculum construction.

EDD 830. Philosophical Views in Education
The purpose of this course is the study of the Philosophy of Education. The emphasis of this course is to broaden each candidate’s perspective and understanding of the philosophical foundations of education and their relevance to educational issues. The refinement of each candidate’s philosophical orientation and the epistemological foundation of subject content that the candidate teaches will be examined and evaluated. As educators it is essential that self-assessment and examination of one’s teaching become the dominant basis for positive change. The understanding of philosophical foundations will enable each candidate to more
fully understand his or her teaching style and how to adjust one’s modus operandi to become increasingly more effective.

EDD 842. Critical Thinking and Problem Solving in the Education Environment
This course explores issues about the nature and techniques of critical reflection, viewed as a way to establish a reliable foundation for our claims, beliefs, and attitudes about the world. Evident is the exploration of multiple perspectives, placing established facts, theories, and practices against alternatives to see how things could be otherwise. Views about observation and interpretation, reasoning and inference, valuing and judging, and the production of knowledge in the context of the educational environment are considered. Special attention is given to translating what is learned into strategies, materials, and interventions for use in the candidate’s own educational and professional settings.

EDD 847. Advanced Learning and Cognition
Provides an analysis of learning theory through a critical inspection of foundational and current research as they relate to contemporary issues in cognition and learning. Candidate will reflect on historical and philosophical orientations of learning and cognition to current day practice. Advanced theory, research, and applications in human learning, memory, and cognitive processes, with particular emphasis on classroom instruction, form the basis for this course.

EDD 841. Organizing Content for Differentiated Instruction
Organizing for instruction in a learning community is a multifaceted charge that requires teachers to reflect on their beliefs about learning and to make adjustments over time. Truly knowing one’s students and organizing instruction based on that knowledge is key to success in today’s classroom. This course will focus on the principles, theories and practices, which will lead candidates to an understanding of ways to develop dynamic and flexible strategies for classroom planning and instruction.

EDD 856. Collaborative Communities: Teaching and Leading in a Multicultural Environment
Essential to effective schools is attention to the establishment and maintenance of communities that value, understand, and strive for appropriate responses to diversity. Collaborative communities require leaders who embrace multiculturalism in order to create positive social change and who examine their own context with regard to race, sex, religion and cultural ethnicity. By reflecting on one’s own experiences, beliefs and roles in the multicultural environment, candidates will explore ways to build positive relationships and communities of learners in a rapidly changing and diverse world and specifically in school environments.

EDD 862. Educational Law and Policy
This course explores legal and ethical issues that arise in schools. It provides school leaders with the knowledge necessary to understand and prevent legal problems, and helps school leaders reflect on questions of educational policy and ethics that legal issues raise but don’t resolve. Candidates should gain an understanding of legal principles and interpretations of constitutional and statutory laws. There is a focus on the school-based decision-making process at the school level.

AREA III (minimum 9 hours)
Candidates may complete the dissertation process in 9 semester hours in the EDD 901, 904 and 907 courses (minimum requirement of 9 semester hours). Candidates may require up
to 13 semester hours to complete the dissertation process (EDD 901-3 hours, 902-1 hour, 903-1 hour, 904-3 hours, 905-1 hour, 906-1 hour, and 907-3 hours).

**Course Descriptions**

**EDD 901. Applied Dissertation I: Prospectus**
(Requires Committee Approval) 3 hours
This course will deal with the requirements and format of the doctoral dissertation. Upon topic approval, the candidate will begin to develop a problem statement, research questions, and hypotheses for the study. A review of the literature and a discussion of the proposed methodology will be developed. A detailed description of the data collection and analysis will be completed. The completed research proposal will be a minimum of 20 pages and be written in APA 5th ed. style. Upon successful completion of the research prospectus, the candidate will proceed to EDD 904.

**EDD 902. Prospectus II** 1 hour
During this course the doctoral candidate will continue to develop the research prospectus if not completed in the EDD 901 course. The completed research proposal will be a minimum of 20 pages and be written in APA 5th edition style. Upon successful completion of the research prospectus, the candidate will proceed to EDD 904.

**EDD 903. Prospectus III** 1 hour
During this course the doctoral candidate will continue to develop the research prospectus if not completed in the EDD 901 and EDD 902 courses. The completed research proposal will be a minimum of 20 pages and be written in APA 5th edition style. Upon successful completion of the research prospectus, the candidate will proceed to EDD 904.

**EDD 904. Applied Dissertation** 3 hours
During this course the doctoral candidate will begin to collect and analyze data to test the proposed hypotheses and answer the developed research questions. Findings will be discussed and conclusions will be drawn. The formal document, usually exceeding 150 pages, will be completed according to the established guidelines. If this portion of the dissertation is completed, the candidate will proceed to EDD 907.

**EDD 905. Applied Dissertation** 1 hour
If not completed in the EDD 904 course, the doctoral candidate will continue to collect and analyze data and develop research findings and conclusions. If this portion of the dissertation is completed, the candidate will proceed to EDD 907.

**EDD 906. Applied Dissertation** 1 hour
If not completed during the EDD 904 and EDD 905 courses, the doctoral candidate will complete data collection and analysis and develop research findings and conclusions.
EDD 907. Applied Dissertation 3 hours
This course requires the doctoral candidate to complete the dissertation process.

In addition to the coursework outlined above, candidates will also complete the following requirements to earn the Ed.D. degree:

• Completed application for graduation
• Documentation of meeting Ed.S. and Doctoral Candidate Learning Outcomes (Portfolio Guidelines. Teaching and Learning Interactive Display Guidelines, Doctoral Candidate Learning Outcomes Assessment Log)
• Written and Oral Comprehensive Examinations (Comprehensive Examinations Guidelines)
• Residency Requirements of four continuous semesters of six hours or more must be satisfied
• Dissertation Prospectus Defense with Human Subjects Review of Research Plan (Prospectus Guidelines)
• Dissertation Research and Defense (Dissertation Guidelines)

Professional Portfolio
Each candidate in Piedmont’s Ed.D. program develops a customized professional portfolio as an integral component of Area I coursework. The Professional Portfolio is designed to give the candidate the opportunity to select, organize and present evidence of their own accomplishment first of the criteria for the Georgia Framework for Teaching and additionally of the core outcomes for both the School of Education as well as the Area I component. It is an accountability piece, which provides assessment information regarding the effectiveness of our program and the candidate’s accomplishments of state criteria.

Interactive Learning Artifact Display
Doctoral candidates are required to demonstrate mastery of the Doctoral Candidate Learning Outcomes (DCLOs). The Interactive Learning Artifact Display allows candidates to share knowledge gleaned from coursework, faculty, other Piedmont students, and their own research. An exhibition/poster synthesis of their learning provides candidates with an avenue to guide other educators in best practice, connecting theory to practice, model knowledge, skills, and dispositions and to motivate others to action. This culminating event occurs at the end of Area II coursework and is scheduled with the Academic Team Leader for the cohort in conjunction with the major professors in the program. Faculty, community members, the candidate’s colleagues and Piedmont students are invited to attend the event.

Committee Structure
Upon completion of Area I and II courses, candidates will select a doctoral committee which will include a major professor. The major professor and the candidate will work together to form the committee of three or more faculty members who hold graduate faculty status. Candidates are strongly encouraged to select at least one professor from the Ed.D. teaching faculty for their committee. The doctoral committee will serve as a support system and review committee for the candidate. The committee will grant final approval for the candidate’s satisfactory completion of: all program requirements including learning outcomes mastery, oral and written comprehensive examinations, dissertation prospectus, residency requirement, and the writing and defense of the approved dissertation.
Comprehensive Examinations
Candidates will complete both oral and written examinations after completing Area I and Area II coursework and before beginning the dissertation. The doctoral committee will develop questions relevant to the completed coursework. The candidate will sit for the written exam during an agreed upon time frame and will submit an electronic version of the written responses to the questions to each member of the doctoral committee. With the approval of the major professor, the candidate will schedule the oral examination. The oral examination will consist of a defense of the written responses to the exam questions. The doctoral committee will advise the candidate in writing of the results of both the written and oral examinations within two weeks of the oral defense.

Dissertation Prospectus
In order to be admitted to candidacy for the Ed.D. degree, the dissertation prospectus must be approved by the doctoral committee. The prospectus typically consists of the first three chapters of the dissertation. Candidates must present the prospectus in person to the committee in a professional presentation as well as a written format. Candidates will be advised of approval of the prospectus within two weeks of the presentation.

Dissertation
The Ed.D. culminates in the preparation and defense of a dissertation. The dissertation is prepared under the supervision of the doctoral committee. The committee receives continuous updates and revisions during the process in order to better facilitate communication of the project. When complete, the major professor and the candidate will schedule a defense of the dissertation.
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