PREFACE

The purpose of this handbook is to provide honors students with detailed information about the policies and requirements of Calhoun Honors College.

Using various means of communication, the Honors Office will do its best to inform you of policies, procedures, postgraduate fellowships, new honors courses, lectures, cultural events, and just about anything else that will enhance your honors experience. However, you bear responsibility for understanding program requirements. The Honors Office cannot be responsible for misinformation about Honors policies and requirements provided by persons not associated with the Honors College.

If you have questions or need additional information, please contact the Honors Office in 105 Tillman Hall on weekdays between 8:00 a.m. and 4:30 p.m. You can phone us at 864-656-4762 or email us at: CUHONORS-L@CLEMSON.EDU

THE HONORS MISSION

Established in 1962, the Calhoun Honors College of Clemson University strives to enrich the educational experience of highly motivated, academically talented students by providing opportunities for scholarship and research not always available to undergraduates. The purpose of Honors is to foster continued intellectual growth, to cultivate a lifelong respect for learning, and to prepare students for lives as leaders and change-agents.

ACADEMIC POLICIES AND REQUIREMENTS

The following are minimum requirements for maintaining membership in the Calhoun Honors College. Requirements for earning the graduation recognitions of General Honors and Departmental Honors are over and above the minimum requirements, and are explained in detail in later sections.

Eligibility to Enroll in Honors Courses
Enrollment in honors courses is limited to students who are members of the Calhoun Honors College.

Regular Enrollment in Honors Courses
Members of the Honors College must take and complete at least one honors course each fall and spring semester.

Registering for Honors Courses
In early November and again in early April, registration begins for the fall and spring semesters, respectively. For honors students, access to the registration system begins when seniors are able to register. The purpose of priority registration is to enable honors students to meet their obligation of taking at least one honors course each semester.
Students are encouraged to register for their honors class or classes during priority registration, but will not be dropped from the Calhoun Honors College until after the last day to add a class in the fall or spring semester. At that time students must have an honors class or an exemption to the policy in their honors student file.

**Dropping and Adding Honors Courses**
Policies regarding withdrawal from honors courses are generally consistent with university regulations. However, the consequences of dropping honors courses are more serious since Calhoun Honors College members are required to take and complete at least one honors course each semester. **If your semester schedule includes one honors course, dropping that course will result in your membership being terminated.**

When an honors course is dropped, the entire course is dropped.

1. During the first week of classes, you may make such a change using the drop/add procedure on the online registration system. First, drop the honors course and then re-add the regular, non-honors course.

2. After the first week of classes and before the end of the second week of classes, you may drop the honors component without a “W” grade using the online registration system. However, you must secure the permission of the instructor to add the regular, non-honors course.

3. After the second week of classes and before the last seven weeks of classes, you may drop the honors component using the online registration system. However, you must secure the permission of the instructor, the Honors Office and the registrar's Office to add the non-honors course and section. During this period, dropping the honors course will result in a grade of “W.”

4. After the seventh week of classes, courses may not be dropped.

5. If you are enrolled in the non-honors course and wish to change into an honors course, you may do so no later than the last day to register or add a class (one week after the beginning of the fall and spring semesters), provided that you are a member of the Honors Program and that you have the consent of the instructor.

**Minimum Grade Point Ratio**
Members of the Calhoun Honors College must maintain a cumulative GPA of 3.40 or higher. Should your cumulative GPA fall between a 2.80 and a 3.40, you will be placed on honors probation and will have one semester to return to good academic standing. If at the end of the probationary semester your cumulative GPA remains below 3.40, you will lose all privileges of membership.

Even the best students may have personal difficulties that result in scholastic performance falling below the 3.40 GPA. Honors students encountering such extraordinary personal circumstances after having taken the probationary semester, may make a formal and documented appeal to the Honors Director for a temporary waiver of the 3.40 GPA requirement. The decision of the Director shall be final. If at any time your cumulative GPA falls below a 2.80, you will lose all privileges of membership.

**Earning Honors Credit**
Students receive honors credit by earning a grade of A or B in honors courses (except in limited circumstances in which courses are offered pass/fail). If you receive a grade of C or D in an honors course, you may earn credit toward degree requirements, but not for honors requirements (see sections on General Honors and Departmental Honors).
Honors courses should also be indicated by having (HON or honors) in the title of the course.

Honors courses in the Undergraduate Announcements have “Includes Honors sections” just before the list of prerequisites.

A course may not be taken for honors credit unless it has been approved as an honors course by the appropriate curriculum committees and by the Calhoun Honors College Committee.

Honors Credit for Graduate Courses
With the approval of the appropriate departmental undergraduate and graduate coordinators and the Honors Director, certain 600- and/or 800-level courses may be substituted for honors courses.

Advanced Placement
Credits earned through the College Board’s Advanced Placement (AP) Program are for regular (non-honors) credit and cannot be used to exempt requirements of the Honors College.

Grading Policies
Grades in honors courses carry the same number of grade points as grades earned in non-honors courses. Faculty are strongly advised to grade honors students according to the quality of their work, not on the basis of a “curve.”

In mixed honors/non-honors courses the instructor may assign a research or creative project as a requirement for honors students enrolled in the course. In such a case, the instructor has the prerogative of assigning a numerical or letter grade to the student’s work for the honors project and incorporating that grade into the grade for the course.

Alternatively, the instructor may wish to grade the honors project on a satisfactory/unsatisfactory basis separately from the regular course requirements. If the student fails to complete the assignment or submits a project deemed by the instructor to be unworthy of honors credit, the instructor has the prerogative of recording a course grade of “C” or lower.

Grading policies for honors students should be clearly stated in the course syllabus.

Pass/Fail Grading
In certain instances, required Departmental Honors courses are offered only on a pass/fail basis and are so indicated in the Clemson University Undergraduate Announcements.

Honors Contracts
On a limited basis, students may earn honors credit for a 3000- or 4000-level course by means of an Honors Contract (in exceptional cases contracts for 2000-level classes may be approved). The purpose of such contracts is to enable students to experience the educational enrichment that typifies honors courses, and to explore topics in greater depth than is normally possible in a regular undergraduate course. Contact the Honors Office for details.

Reinstatement of Membership
Students who are dropped from the program due to deficient GPA, failure to take honors courses on a regular basis, or withdrawal from honors courses may not participate in Honors for at least one full semester following their removal from the program.

Request for reinstatement must be made in writing, and will be granted if the student has achieved the requisite cumulative 3.40 GPA and will be enrolled on campus for enough semesters to complete General or
Departmental Honors. Otherwise, students previously dropped from the program may not rejoin beyond the semester in which they have earned 75 semester hours. Privileges of membership (e.g., early registration) are not restored until the semester after the student has been reinstated and resumes honors coursework.

THE GENERAL HONORS PROGRAM

Purpose
The main purpose of General Honors is to broaden the student’s intellectual perspectives. To this end, students are encouraged to take honors courses in as many different areas of study as possible.

Basic Policies
Most of the courses you will take for General Honors are 1000-2000 level courses that satisfy the university’s General Education requirements or serve as introductory courses in your major. It is permissible for 3000-4000 level courses to be taken for General Honors; however, 1000- and 2000-level honors courses may not be applied toward the requirements of Departmental Honors, nor may a 3000-4000 level course count for both General Honors and Departmental Honors. Typically, students take most of their General Honors courses during the freshman and sophomore years, although many students enroll in General Honors courses as juniors and seniors.

Honors courses can be counted towards either General Honors or Departmental Honors but not for both General and Departmental Honors.

Requirements
To be awarded the Certificate of Achievement in General Honors, the following requirements must be satisfied:

1. Completion of a minimum of 18 credit hours* from three or more groups (see below)**; At least three hours from three or more groups (see below); and
2. At least three hours in each of three or more subjects (e.g., ENGL, MTHS)
3. A cumulative grade point average of 3.40 or higher on all coursework taken at Clemson (non-honors as well as honors courses).
4. A grade of A or B in all courses taken to fulfill the requirements of General Honors.
5. Completion of all University requirements for graduation.

*Students who have taken CES 1020 for 2 credit hours can complete the requirement with 17 credit hours and can satisfy the Group II requirement with 2 credit hours.

**If a student uses an English (ENGL) course or courses to satisfy the requirement for a group I course, he or she cannot use an English (ENGL) course or courses to satisfy the group IV requirement.

Group I Composition and Communication
COMM 2500 Public Speaking (3)
ENGL 1030 Accelerated Composition (3)
3140 Technical Writing (3)
HON 2230 Studies in Communications (3)

Group II Science, Mathematics & Engineering
BIOL 1030, 1040 General Biology I, II (3)
1100, 1110 Principles of Biology I, II (5)
CH 1010, 1020 General Chemistry (4)
ECE 2020 Electric Circuits II (3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>2620</td>
<td>Electrical Circuits II (3)</td>
</tr>
<tr>
<td>EM 2020</td>
<td>Engineering Mechanics: Dynamics (3)</td>
</tr>
<tr>
<td>ENGR 1050</td>
<td>Engineering Discipline and Skills I (1)</td>
</tr>
<tr>
<td>1060</td>
<td>Engineering Discipline and Skills II (1)</td>
</tr>
<tr>
<td>1070</td>
<td>Programming and Problem Solving I (1)</td>
</tr>
<tr>
<td>1080</td>
<td>Programming and Problem Solving II (1)</td>
</tr>
<tr>
<td>1090</td>
<td>Programming and Problem Solving Applications (1)</td>
</tr>
<tr>
<td>1200</td>
<td>Engineering Problem Solving and Design (3)</td>
</tr>
<tr>
<td>1410</td>
<td>Programming and Problem Solving (3)</td>
</tr>
<tr>
<td>1900, 2900</td>
<td>Special Projects in Engineering (1-3) [for a total of three credit hours over a period of one to three semesters]</td>
</tr>
<tr>
<td>GEOL 1010</td>
<td>Physical Geology (3)</td>
</tr>
<tr>
<td>1020</td>
<td>Earth History (3)</td>
</tr>
<tr>
<td>MATH 1060, 1080</td>
<td>Calculus of One Variable I, II (4)</td>
</tr>
<tr>
<td>2060</td>
<td>Calculus of Several Variables (4)</td>
</tr>
<tr>
<td>2080</td>
<td>Introduction to Ordinary Differential Equations (4)</td>
</tr>
<tr>
<td>PHYS 1220, 2210</td>
<td>Physics with Calculus I, II (3)</td>
</tr>
<tr>
<td>2220</td>
<td>Physics with Calculus III (3)</td>
</tr>
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</table>

**Group III Social Science**

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ECON 2110</td>
<td>Principles of Microeconomics (3)</td>
</tr>
<tr>
<td>2120</td>
<td>Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>3140</td>
<td>Intermediate Microeconomics (3)</td>
</tr>
<tr>
<td>3150</td>
<td>Intermediate Macroeconomics (3)</td>
</tr>
<tr>
<td>HIST 1220</td>
<td>History, Technology and Society (3)</td>
</tr>
<tr>
<td>1240</td>
<td>Environmental History Survey (3)</td>
</tr>
<tr>
<td>1720, 1730</td>
<td>The West and the World I, II (3)</td>
</tr>
<tr>
<td>HON 1920</td>
<td>Freshman Colloquium: Social Science (3)</td>
</tr>
<tr>
<td>2020</td>
<td>Science, Culture &amp; Human Values (3)</td>
</tr>
<tr>
<td>2200</td>
<td>Studies in Social Science (3)</td>
</tr>
<tr>
<td>LAW 3220</td>
<td>Legal Environment of Business (3)</td>
</tr>
<tr>
<td>POSC 1010</td>
<td>American National Government (3)</td>
</tr>
<tr>
<td>1020</td>
<td>Introduction to International Relations (3)</td>
</tr>
<tr>
<td>1030</td>
<td>Introduction to Political Theory (3)</td>
</tr>
<tr>
<td>1040</td>
<td>Introduction to Comparative Politics (3)</td>
</tr>
<tr>
<td>PSYC 2010</td>
<td>Introduction to Psychology (3)</td>
</tr>
<tr>
<td>3400</td>
<td>Lifespan Developmental Psychology (3)</td>
</tr>
<tr>
<td>3520</td>
<td>Social Psychology (3)</td>
</tr>
<tr>
<td>3830</td>
<td>Abnormal Psychology (3)</td>
</tr>
<tr>
<td>3900</td>
<td>Honors Seminar in Psychology (3)</td>
</tr>
<tr>
<td>SOC 2010</td>
<td>Introduction to Sociology (3)</td>
</tr>
</tbody>
</table>

**Group IV Arts and Humanities**

<table>
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<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>AAH 1010, 1020</td>
<td>Survey of Art &amp; Architectural History I, II (3)</td>
</tr>
<tr>
<td>2030, 2040</td>
<td>History &amp; Theory of Architecture I, II (3)</td>
</tr>
<tr>
<td>2100</td>
<td>Introduction to Art &amp; Architecture (3)</td>
</tr>
<tr>
<td>ENGL 2120</td>
<td>World Literature (3)</td>
</tr>
<tr>
<td>2130</td>
<td>British Literature (3)</td>
</tr>
<tr>
<td>2140</td>
<td>American Literature (3)</td>
</tr>
<tr>
<td>2150</td>
<td>Literature in 20th and 21st Century Contexts (3)</td>
</tr>
<tr>
<td>FR 2010, 2020</td>
<td>Intermediate French (3)</td>
</tr>
</tbody>
</table>
GER 2010, 2020  Intermediate German (3)
HON 1900  Freshman Colloquium: Arts and Humanities – Literature (3)
1910  Freshman Colloquium: Arts and Humanities - non-Literature (3)
2030  Society, Art, and Humanities (3)
2010  Experiencing Arts (3)
2210  Studies in Literature (3)
2220  Studies in Arts and Humanities
ITAL 2010, 2020  Intermediate Italian (3)
MUSC 2100  Music Appreciation: Music in the Western World (3)
PHIL 1010  Introduction to Philosophic Problems (3)
1020  Introduction to Logic (3)
1030  Introduction to Ethics (3)
REL 1020  World Religions (3)
RUSS 2010, 2020  Intermediate Russian (3)
SPAN 2010, 2020  Intermediate Spanish (3)
THEA 2100  Theatre Appreciation (3)

Group V Cross Cultural Awareness
AAH 2100  Introduction to Art & Architecture (3)
HIST 1720, 1730  The West and the World I, II (3)
HON 1930  Freshman Colloquium: Cross Cultural Awareness (3)
2090  Border Crossings (1-3)
MUSC 2100  Music Appreciation: Music in the Western World (3)
POSC 1020  Introduction to International Relations (3)
REL 1020  World Religions (3)

Group VI Science and Technology in Society
HON 1940  Freshman Colloquium: Science and Technology in Society (3)
2010  Structures and Society (3)
2060  Controversies in Science and Technology (3)
HIST 1220  History, Technology and Society (3)
1240  Environmental History Survey (3)

Group VII Other
ACCT 2010  Financial Accounting Concepts (3)
2020  Managerial Accounting Concepts (3)
HON 2070  Critical Inquiry and Problem Solving (3)
GC 1040, 2070  Graphic Communications I, II (4, 3)
MGT 2010  Principles of Management (3)
MKT 3010  Principles of Marketing (3)
PRTM 2010  The Recreation/Leisure Environment (3)
2700  Introduction to Recreation Resources Management (3)
THE DEPARTMENTAL HONORS PROGRAM

Purpose
The purpose of Departmental Honors is to provide honors students a unique opportunity to do advanced, in-depth study and research within their major academic disciplines. Specific requirements are set by the student’s department; however, it is expected that all students, regardless of major, will complete a thesis, portfolio of creative works, or major research project under the guidance of a faculty member or committee of faculty.

Basic Policies
Generally, Departmental Honors is completed during your junior and senior years. To be considered for any Departmental Honors program, you must have a cumulative GPA of 3.40 or higher and the approval of your department.

Normally, students achieve Departmental Honors in the academic discipline of their major. However, Departmental Honors can be earned in an area of study other than that of the student’s major. Students wanting to complete Departmental Honors in two different disciplines must complete the Dual Departmental Honors form available on the Honors web site.

Courses taken for Departmental Honors must be honors courses.

Honors courses count towards either General Honors or Departmental but not for both General and Departmental Honors.

College of Agriculture, Forestry and Life Sciences

Agriculture Other
For majors in Agricultural Education; Agricultural Mechanization and Business; Animal and Veterinary Sciences; Applied Economics and Statistics; Environmental and Natural Resources; Food Science; Horticulture; Packaging Science; Soils and Sustainable Crops Systems; Turfgrass; and Wildlife and Fisheries Biology, the Departmental Honors requirements consist of 12 semester hours as follows:

PES 4910 Senior Honors Research (3)
     4920 Senior Honors Research (3)

The additional six semester hours may be taken in any 3000- or 4000-level agriculture honors courses (see following list) or other life science honors courses approved by your academic advisor.

PES 3150 Environment and Agriculture (3)
     3090 Economics of Agricultural Marketing (3)
     4520 Agricultural Policy (3)
     4560 Prices (3)
APEC 3700 Principles of Animal Nutrition (3)
     3750 Applied Animal Nutrition (3)
     4010 Beef Production (3)
     4120 Advanced Equine Management (3)
     4140 Basic Immunology (3)
     4530 Animal Reproduction (3)
     4700 Animal Genetics (3)
AVS 4000 Insect Morphology (4)
     4040 Urban Entomology (3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>4690</td>
<td>Aquatic Insects (3)</td>
</tr>
<tr>
<td>ETOX 4210</td>
<td>Chemical Sources &amp; Fate in Environmental Systems (3)</td>
</tr>
<tr>
<td>FDSC 4010</td>
<td>Food Chemistry I (3)</td>
</tr>
<tr>
<td></td>
<td>Food Chemistry II (3)</td>
</tr>
<tr>
<td></td>
<td>Special Topics in Food Science (1-3)</td>
</tr>
<tr>
<td></td>
<td>Special Problems in Food Science (1-4)</td>
</tr>
<tr>
<td>GEN 3020</td>
<td>Molecular and General Genetics (3)</td>
</tr>
<tr>
<td></td>
<td>Population and Quantitative Genetics (3)</td>
</tr>
<tr>
<td></td>
<td>Molecular Genetics and Gene Regulation (3)</td>
</tr>
<tr>
<td></td>
<td>Bioinformatics (3)</td>
</tr>
<tr>
<td></td>
<td>Comparative Genetics (3)</td>
</tr>
<tr>
<td>HORT 4610</td>
<td>Advanced Landscape Garden Design (4)</td>
</tr>
<tr>
<td>NUTR 4010</td>
<td>Fundamentals of Nutrition (3)</td>
</tr>
<tr>
<td></td>
<td>Medical Nutrition Therapy II (4)</td>
</tr>
<tr>
<td>PKSC 3680</td>
<td>Packaging and Society (3)</td>
</tr>
<tr>
<td></td>
<td>Mechanical Properties of Packages &amp; Principles of Protective Packaging (3)</td>
</tr>
<tr>
<td></td>
<td>Food and Health Care Packaging Systems (4)</td>
</tr>
<tr>
<td>PLPA 3020</td>
<td>Plant Pathology Research (1-3)</td>
</tr>
<tr>
<td>WFB 4120</td>
<td>Wildlife Management (3)</td>
</tr>
<tr>
<td></td>
<td>Wetland Wildlife Biology (3)</td>
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<td></td>
<td>Aquatic Insects (3)</td>
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</tbody>
</table>

**Biochemistry**

Departmental Honors in biochemistry requires the following sequence of courses totaling 11 credit hours:

- **BCHM 4910**: Directed Research in Biochemistry (1-8) for a total of eight credit hours over a period of two semesters under a single advisor.

Three (3) additional hours from the following list of BCHM Honors courses:

- **BCHM 3010**: Molecular Biochemistry (3)
- **BCHM 4310**: Physical Approach to Biochemistry (3)
- **BCHM 4320**: Biochemistry of Metabolism (3)
- **BCHM 4360**: Molecular Biology: Genes to Proteins (3)
- **BCHM 4400**: Bioinformatics (3)

The BCHM 4910 requirement includes completion of a senior research thesis and oral presentation of the thesis to the departmental faculty in a seminar setting. A copy of the thesis will be forwarded to the research advisor, the department and the Calhoun Honors College. Grades for BCHM 4910 are assigned by the research advisor with input from the entire Biochemistry and Genetics faculty after the presentation is complete.

To be eligible for Departmental Honors in Biochemistry you must achieve a grade of C or better in all required Biochemistry course, a GPA of 3.30 or better in all required Biochemistry courses, and an overall GPA of 3.40 in all courses.

These eleven credit hours will substitute for the regular degree requirements of BCHM 4910 and free or science electives so that the total credits taken by Honors students need not be more than those taken by non-honors students.
**Biological Sciences**
Departmental Honors in Biological Sciences requires the following sequence of courses totaling 12 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 4910</td>
<td>Undergraduate Research in Biological Sciences</td>
<td>(2-4)</td>
</tr>
<tr>
<td></td>
<td>for a total of 6 credit hours</td>
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<tr>
<td></td>
<td>Over two semesters under a single research advisor.</td>
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</table>

-or-

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 4940</td>
<td>Undergraduate Research Microbiology</td>
<td>(2-4)</td>
</tr>
<tr>
<td></td>
<td>for a total of 6 credit hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Over two semesters under a single research advisor.</td>
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</tbody>
</table>

The additional 4-8 hours are to be taken from the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 3020</td>
<td>Invertebrate Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 3030</td>
<td>Vertebrate Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 3040</td>
<td>Biology of Plants</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4000</td>
<td>Insect Morphology</td>
<td>(4)</td>
</tr>
<tr>
<td>BIO 4010</td>
<td>Plant Physiology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4060</td>
<td>Introductory Plant Taxonomy</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4080</td>
<td>Comparative Vertebrate Morphology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4090</td>
<td>Comparative Vertebrate Morphology Laboratory</td>
<td>(2)</td>
</tr>
<tr>
<td>BIO 4110</td>
<td>Limnological Analyses</td>
<td>(2)</td>
</tr>
<tr>
<td>BIO 4140</td>
<td>Basic Immunology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4200</td>
<td>Neurobiology</td>
<td>(3)</td>
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<tr>
<td>BIO 4320</td>
<td>Animal Histology</td>
<td>(3)</td>
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<td>BIO 4330</td>
<td>Animal Histology Laboratory</td>
<td>(2)</td>
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<tr>
<td>BIO 4400</td>
<td>Developmental Animal Biology</td>
<td>(3)</td>
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<tr>
<td>BIO 4410</td>
<td>Ecology</td>
<td>(3)</td>
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<tr>
<td>BIO 4420</td>
<td>Biogeography</td>
<td>(3)</td>
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<tr>
<td>BIO 4450</td>
<td>Ecology Laboratory</td>
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<tr>
<td>BIO 4460</td>
<td>Plant Ecology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4470</td>
<td>Plant Ecology Laboratory</td>
<td>(2)</td>
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<tr>
<td>BIO 4500</td>
<td>Developmental Biology Laboratory</td>
<td>(2)</td>
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<tr>
<td>BIO 4560</td>
<td>Medical and Veterinary Parasitology</td>
<td>(3)</td>
</tr>
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<td>BIO 4570</td>
<td>Medical and Veterinary Parasitology Laboratory</td>
<td>(2)</td>
</tr>
<tr>
<td>BIO 4580</td>
<td>Cell Physiology</td>
<td>(3)</td>
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<td>BIO 4590</td>
<td>Systems Physiology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4610</td>
<td>Cell Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4700</td>
<td>Behavior Ecology</td>
<td>(3)</td>
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<tr>
<td>BIO 4750</td>
<td>Comparative Physiology</td>
<td>(3)</td>
</tr>
<tr>
<td>BIO 4760</td>
<td>Comparative Physiology Laboratory</td>
<td>(2)</td>
</tr>
<tr>
<td>BIO 4840</td>
<td>Human and Comparative Vertebrate Embryology</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN 3020</td>
<td>Molecular and General Genetics</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN 4100</td>
<td>Population and Quantitative Genetics</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN 4200</td>
<td>Molecular Genetics and Gene Regulation</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN 4400</td>
<td>Bioinformatics</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN 4500</td>
<td>Comparative Genetics</td>
<td>(3)</td>
</tr>
</tbody>
</table>

The honors courses taken will be selected with the approval of your advisor, the course instructors, and the chair of the department. Research results from BIOL 4910 will be written in a style appropriate for publication and presented in an open seminar to the Biological Sciences faculty.
Environmental and Natural Resources

Departmental Honors in Environmental and Natural Resources requires at least 12 hours of honors credit taken as follows:

PES  4910  Senior Honors Research (3)  
     4920  Senior Honors Research (3)  
-or-

BIOL  4910  Undergraduate Research in Biological Sciences (2-4) at least six (6) hours, taken under a single research advisor over two semesters  
-or-

FNR  4910  Senior Honors Thesis I (3)  
       4920  Senior Honors Thesis II (3)  

-and-

Six (6) hours of honors credit taken from the following courses, or other 3000- or 4000-level honors courses approved by your advisor:

PES  3150  Environment and Agriculture (3)  
APEC  3090  Economics of Agricultural Marketing (3)  
       4520  Agricultural Policy (3)  
       4560  Prices (3)  
BIOL  3020  Invertebrate Biology (3)  
       3030  Vertebrate Biology (3)  
       3040  Biology of Plants (3)  
       4000  Insect Morphology (4)  
       4010  Plant Physiology (3)  
       4060  Introductory Plant Taxonomy (3)  
       4080  Comparative Vertebrate Morphology (3)  
       4090  Comparative Vertebrate Morphology Laboratory (2)  
       4110  Limnological Analyses (2)  
       4140  Basic Immunology (3)  
       4200  Neurobiology (3)  
       4320  Animal Histology (3)  
       4330  Animal Histology Laboratory (2)  
       4400  Developmental Animal Biology (3)  
       4410  Ecology (3)  
       4420  Biogeography (3)  
       4450  Ecology Laboratory (2)  
       4460  Plant Ecology (3)  
       4470  Plant Ecology Laboratory (2)  
       4500  Developmental Biology Laboratory (2)  
       4560  Medical and Veterinary Parasitology (3)  
       4570  Medical and Veterinary Parasitology Laboratory (2)  
       4580  Cell Physiology (3)  
       4590  Systems Physiology (3)  
       4610  Cell Biology (3)  
       4700  Behavior Ecology (3)  
       4750  Comparative Physiology (3)  
       4760  Comparative Physiology Laboratory (2)
4840  Human and Comparative Vertebrate Embryology (3)
ENT  4000  Insect Morphology (4)
      4040  Urban Entomology (3)
      4690  Aquatic Insects (3)
ENTX  4210  Chemical Sources & Fate in Environmental Systems (3)
GEN  3020  Molecular and General Genetics (3)
      4100  Population and Quantitative Genetics (3)
      4200  Molecular Genetics and Gene Regulation (3)
      4400  Bioinformatics (3)
      4500  Comparative Genetics (3)
HORT  4610  Advanced Landscape Garden Design (4)
WFB  4120  Wildlife Management (3)
      4620  Wetland Wildlife Biology (3)
      4690  Aquatic Insects (3)

**Forest Resource Management**
Departmental Honors in Forest Resource Management requires the following sequence of courses totaling 8 credit hours:

FNR  4910  Senior Honors Thesis I (3)
      4920  Senior Honors Thesis II (3)

And two (2) additional honors seminars, 1 credit hour each taken with an affiliated 4000-level course, from the following:

FOR  4260  Forest Resource Management Plans Seminar (1) (taken with FOR 4250)
      4610  Silviculture Honors Seminar I (1) (taken with FOR 4650)
      4630  Silviculture Honors Seminar II (1) (taken with FOR 4650)

**Genetics**
Departmental Honors in Genetics requires the following sequence of courses totaling 11 credit hours:

GEN  4910  Directed Research in Genetics (1-8) for a total of eight credit hours over a period of two semesters under a single advisor

Three (3) additional hours taken from the following list of GEN Honors courses:

GEN  3020  Molecular and General Genetics (3)
      4100  Population and Quantitative Genetics (3)
      4200  Molecular Genetics and Gene Regulation (3)
      4400  Bioinformatics (3)
      4500  Comparative Genetics (3)

The GEN 4910 requirement includes completion of a senior research thesis and oral presentation of the thesis to the departmental faculty in a seminar setting. A copy of the thesis will be forwarded to the research advisor, the department and the Calhoun Honors College. Grades for GEN 4910 are assigned by the research advisor with input from the entire Biochemistry and Genetics faculty after the presentation is complete.

To be eligible for Departmental Honors in Genetics you must achieve a grade of C or better in all required Genetics courses, a GPA of 3.30 or better in all required Genetics courses, and an overall GPA of 3.40 in all courses.
These eleven credit hours will substitute for the regular degree requirements of the GEN 4910 and free or science electives so that the total credits taken by honors students need not be more than those taken by non-honors students.

**Microbiology**
Departamental Honors in Microbiology requires the following sequence of courses totaling 12-13 credit hours:

MICR 4910 Undergraduate Research in Microbiology (3) for a total of 6 credit hours taken over two semesters under a single research advisor

MICR 4940 Undergraduate Research in Microbiology (2-4) for a total of 6 credit hours
Over two semesters under a single research advisor.

-and- Two (2) honors courses selected from the following:

MICR 4000 Public Health Microbiology (3)
4010 Microbial Diversity and Ecology (3)
4070 Food and Dairy Microbiology (4)
4100 Soil Microbiology (3)
4110 Pathogenic Bacteriology (3)
4120 Bacterial Physiology (3)
4130 Industrial Microbiology (3)
4140 Basic Immunology (3)
4150 Microbial Genetics (3)
4160 Introductory Virology (3)
4170 Cancer and Aging (3)

To qualify for Departmental Honors you must earn a grade of A or B in MICR 3050 (General Microbiology).

The goal of MICR 4910, which is normally undertaken in the senior year, is to provide honors students with practical applications of the scientific method through the design and execution of an original research project. The results of the research project will be written as a manuscript suitable for publication, and will be presented in a seminar to Microbiology faculty and other honors students. Students are expected to choose and to arrange to work with a faculty research advisor prior to registering for the first semester of MICR 4910.

**College of Architecture, Arts and Humanities**

**Architecture**
Departamental Honors in Architecture requires the following sequence of courses totaling 9 credit hours:

AAH 3300 Honors Colloquium (3)
ARCH 4900 Directed Studies (1-5) for a total of six semester hours taken over two semesters

AAH 3300 is an interdisciplinary, team-taught colloquium focusing on environmental, economic and other factors that affect the planning, design and construction of buildings and landscapes. Based on knowledge gained in AAH 3300, honors students must formulate and complete a senior honors design project by enrolling in ARCH 4900. During their final semester honors students will take ARCH 4900 in conjunction with ARCH 4520 and will prepare a thesis based on the subject of their senior exit design project.
**Communication Studies**

Departmental Honors in Communication Studies requires the following sequence of courses totaling 6 credit hours over two semesters:

COMM 4960 Honors Creative Inquiry Capstone (3) for a total of six credit hours over a period of two semesters

To earn Departmental Honors in Communication Studies, students must achieve a cumulative grade point average of 3.40 or better in Communication Studies courses and complete the two-semester Honors thesis project, ideally building on a project designed in one of the prerequisite research courses, COMM 3060, 3100 or 3110. The project is to be completed during a student's final two semesters.

Prior to the conclusion of the sixth semester, students should enlist the guidance of a faculty adviser who will then oversee their Honors thesis during their seventh and eighth semesters. During the seventh semester, students enroll in COMM 4960, Honors Creative Inquiry Capstone, for 3 credits and undertake the first stages of their thesis.

During the eighth semester, students enroll in COMM 4960, Honors Creative Inquiry Capstone, for 3 additional credits in order to complete the final work on their thesis which will culminate in a substantial written paper of conference or publication quality and length.

The final project will be evaluated by the student's Honors committee and then presented in an oral presentation open to the public.

Students must have a grade of A or B in the two 496 courses.

**English**

Departmental Honors in English requires the following sequence of courses totaling 6 credit hours:

ENGL 4380 Departmental Honors Research (3)

ENGL 4390 Departmental Honors Project (3)

To earn Departmental Honors in English you must: 1) be an honors student with a cumulative GPR of 3.40 or better in English courses; and 2) complete an honors project. The honors project is most often a thesis but it may also be a creative work such as a play, a film or television script, a novella, or a collection of poems or short stories. The project is completed over the course of two consecutive semesters (typically either your sixth and seventh or your seventh and eighth semesters).

No later than the first day of the registration period of your sixth semester, you must have the approval of both the English Department Honors Coordinator and an English Department faculty member who has agreed to serve as the advisor for your project. Your thesis committee will be made up of the advisor and one additional English faculty member. If you choose, you may also add a third committee member from any department who has expertise in your topic.

In English 4380, you will begin developing your project and conduct your research. By November 1 (April 1 in the spring semester), you will submit a brief prospectus of your project for the approval of your committee and the Honors Coordinator. You will write and complete the project, which should run 30-40 pages in length, during English 4390. You must submit a complete draft of the thesis to your committee by March 15 (October 15 in the fall semester). If your committee suggests revisions following the defense, they must be completed so that the final draft is submitted for the committee’s approval no later than two weeks before the
end of classes for the semester. To be awarded Departmental Honors you must publicly defend the completed project and receive a grade of A in ENGL 4390.

**History**
Departmental Honors in History requires the following sequence of courses totaling 6 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 4970</td>
<td>Senior Honors Research</td>
<td>3</td>
</tr>
<tr>
<td>HIST 4980</td>
<td>Senior Honors Thesis</td>
<td>3</td>
</tr>
</tbody>
</table>

To be eligible for the Departmental Honors program in History you must: 1) be an honors student with a cumulative GPA of 3.40 or higher; 2) have completed at least one 4000-level Studies in History course with a grade of A or B; 3) have reached a tutorial agreement with a History faculty member; and 4) have the approval of the department chair at least a week before the early registration period of your sixth semester. The department chair will appoint a second faculty member to form your thesis committee.

The thesis will be written over two consecutive semesters under the guidance of your committee. It should demonstrate intelligence and sensitivity in dealing with the topic as well as your ability to use primary sources and evaluate existing scholarship on the subject.

Under the guidance of the thesis committee and during the first semester of HIST 4970, you will define the topic, complete a tentative bibliography, and conduct research. At the end of the semester you will give the committee a progress report and indicate your plans for the thesis. During the second semester of HIST 4980 and under the supervision of your tutor, you will write and complete the thesis. A preliminary draft and annotated bibliography are due by November 1 (April 1 for the spring semester). Following any suggested revisions, the final draft of the thesis must be submitted to the committee for its approval at least seven days before the last day of classes for the semester.

You must publicly defend the thesis before the thesis committee and any other History faculty who wish to attend. Three copies of the thesis are to be submitted, one to the tutor, one to the department office, and one to the Honors Office.

**Landscape Architecture**
Departmental Honors in Landscape Architecture requires the following sequence of courses totaling 5-9 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LARC 4910</td>
<td>Honors Research Methods for Landscape Architecture</td>
<td>1-3</td>
</tr>
<tr>
<td>LARC 4940</td>
<td>Landscape Architecture Honors Research</td>
<td>2-3</td>
</tr>
<tr>
<td>LARC 4950</td>
<td>Landscape Architecture Honors Thesis</td>
<td>2-3</td>
</tr>
</tbody>
</table>

The Departmental Honors program in Landscape Architecture consists of a three-course sequence culminating in an honors thesis. In LARC 4910 students attend weekly meetings to study various research methodologies in the discipline of landscape architecture. By the end of this course students are expected to develop a proposal for an individual project to be pursued in the second course of the sequence. In LARC 4940, the student researches the selected and approved project under the weekly supervision of a faculty mentor. The sequence concludes with LARC 4950 in which the student is expected to submit a written thesis to the faculty mentor at least two weeks before the end of the semester.

**Languages (French and Spanish)**
Departmental Honors in French or Spanish requires the following sequence of courses totaling 8 credit hours:
**French**

FR  4380  French Honors Research (3)  
     4390  French Honors Thesis (3)

Two of the following independent study courses:
FR  3910  Survey of French Literature (1), taken with FR 3000  
     4910  Modern French Literature (1), taken with FR 4000  
     4920  The French Corporation (1), taken with FR 4170

**Spanish**

SPAN  4380  Spanish Honors Research (3)  
      4390  Spanish Honors Thesis (3)

Two of the following independent study courses:
SPAN  3910  Honors Intro to Hispanic Literary Forms (1), taken with SPAN 3010  
     3920  Survey of Spanish Literature (1), taken with SPAN 3130  
     3930  Hispanic World: Latin America (1), taken with SPAN 3080  
     4910  Hispanic Narrative Fiction (1), taken with SPAN 4060  
     4920  Contemporary Latin American Novel (1), taken with SPAN 4220

Honors students must complete a thesis in the selected language (either French or Spanish). The thesis is written over the course of two semesters, during which the student will be enrolled in the tutorial sequence of FR 4380-4390 or SPAN 4380-4390, for a total of six credit hours. If the thesis is based on work done in a previous course, the student must revise, edit and develop the topic in 4380. In 4390 the student will draft, edit and complete the thesis, which must be written in the selected language and prepared according to the MLA Style Manual. The thesis will be read and evaluated by at least two faculty members in the Department of Languages.

**Performing Arts**

Department honors in Production Studies in Performing Arts will require the following sequence of courses totaling 6 credit hours:

PA  4910  Performing Arts Honors Research (3)  
     4920  Performing Arts Honors Project (3)

To earn departmental honors in Production Studies in Performing Arts, a student must:

1. Be an honors student with a cumulative GPA of 3.40 or higher  
2. Complete the two semester honors project  
3. Receive a grade of A in PA 4920. The honors project topic should be selected from the following:  
   - Present a lecture/recital of a musical work, music of a specific composer, or music representative of a specific genre; including a 15 to 25 page thesis related to the genre of the music performed.  
   - Present a lecture/demonstration of a theatrical work, work of a specific playwright, or a specific theatrical genre; including a 15 to 25 page thesis to the genre of the work(s) performed.  
   - Author a theatrical work or musical composition; including a 15 to 25 page thesis related to the specific genre of the work.  
   - Serve as director of a musical or theatrical production; including a 15 to 25 page thesis related to the specific genre of the production.  
   - Other creative project with thesis as approved by the department chair and department scholarship, honors & awards committee.
The project is to be completed over the course of two semesters, beginning in the student’s sixth semester. Early in the fifth semester, the student will consult with the department chair regarding the type of project in which he/she is interested. Prior to the first day of registration of the sixth semester, the student will present a brief prospectus of the project to the chair and members of the department Scholarship, Honors & Awards committee. Upon approval of the project, the chair will suggest an advisor for the project and select a three person project committee, composed of the project advisor a member of the department Scholarship, Honors & Awards committee and a third faculty member.

In PA 4910 students will research and develop their project. At the end of the semester, students will give their project committee a progress report including specific plans for the project presentation and thesis. In PA 4920, students will finalize and present their project. At least one week prior to the end of classes in the seventh semester, students will publicly present their project to their project committee and any other interested faculty/students who wish to attend.

**Philosophy and Religion**

Departmental Honors in Philosophy and Religion requires the following sequence of courses totaling 6 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHIL 4970</td>
<td>Philosophy Honors Research</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 4980</td>
<td>Philosophy Honors Thesis</td>
<td>3</td>
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</table>

Or

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 4970</td>
<td>Religion Honors Research</td>
<td>3</td>
</tr>
<tr>
<td>REL 4980</td>
<td>Religion Honors Thesis</td>
<td>3</td>
</tr>
</tbody>
</table>

To be eligible for the Departmental Honors program in Philosophy and Religion you must: 1) be an honors student with a cumulative GPA of 3.40 or higher; 2) have reached a tutorial agreement with a Philosophy and Religion faculty member who will serve as the thesis advisor; and 3) and have the approval of the department chair no later than a week after the beginning of your seventh semester. You are strongly encouraged to begin the project during the second semester of your junior year.

In consultation with the advisor, you will select two other faculty members for your thesis committee. At least one of these additional members must be in the Department of Philosophy and Religion. You will write the thesis over two consecutive semesters.

During the first semester (in PHIL/REL 4970) you will conduct research, clearly define the topic, and complete a tentative bibliography under the supervision of your thesis advisor. At the end of this semester, you must give the thesis committee a written progress report indicating your plans for the thesis. Early in the second semester (in PHIL/REL 4980) you must consult with your thesis committee members and set a date for the defense of your thesis, which must take place no later than the final day of regularly scheduled classes for that semester. A penultimate draft must be provided to the thesis committee at least two weeks prior to the defense. After receiving comments from the committee members, the final draft of the thesis must be submitted to the committee no later than the final day of exams for that semester. Five copies of the final draft are to be submitted, one to each of the committee members, one to the chair of the department, and one to the Honors Office.

The thesis must be defended publicly before the thesis committee and any other Philosophy and Religion faculty who wish to attend. The committee will determine the grade for PHIL/REL 4980 based on the thesis and defense, awarding departmental honors to students receiving an A or A-. 
**College of Business and Behavioral Science (Thesis Programs)**

**Economics**
Departmental Honors in Economics requires the following sequence of courses totaling 6 credit hours:

**ECON**  4910 Senior Honors Thesis Research (3)  
4920 Senior Honors Thesis Writing (3)

During the second semester of the junior year the student will select, in consultation with a senior faculty member, a suitable topic for the senior thesis. The topic may be an extension of the one chosen for ECON 3900, or something entirely different. In either case, the student must demonstrate an imaginative approach to the subject. The thesis must also display a command of economic theory and an ability to apply theory to the analysis of real-world events.

During the semesters in which ECON 4910 and ECON 4920 are taken, the student will make frequent progress reports to the thesis advisor. Before the end of ECON 4920, the student will present an oral report on the project to members of the faculty and fellow students. The final thesis, which should be written using a style guide such as the Chicago Manual of Style, will be bound and retained in the departmental library. One copy will be provided to the Honors Office.

Although not part of the Departmental Honors Program in Economics, the following courses may be taken for honors credit:

**ECON**  3900 Junior Honors Research (1) in conjunction with an approved economics course  
At the 3000 or 4000 level.  
3140 Intermediate Microeconomics (3)  
3150 Intermediate Macroeconomics (3)  
3500 Moral and Ethical Aspects of a Market Economy (3)  
4260 Seminar in Sports Economics (3)  
4980 Selected Topics in Economics (3)

**International Business**
Departmental Honors in International Business requires the following sequence of courses totaling 12 credit hours:

**BUS**  2910 Honors Seminar in International Business 1(1)  
3910 International Business Honors Thesis Research 1(1)  
3920 International Business Honors Thesis Proposal 1(1)  
4910 International Business Honors Thesis I 3(3)  
4920 International Business Honors Thesis II 3(3)

The additional three semester hours may be taken in any 3000- or 4000-level business course (see following list).

**ACCT**  3030 Cost Accounting (3)  
3110 Intermediate Financial Accounting I (3)  
3120 Intermediate Financial Accounting II (3)  
3130 Intermediate Financial Accounting III (3)  
4040 Individual Taxation (3)  
**ECON**  3140 Intermediate Microeconomics (3)
The International Business Departmental Honors is composed of three one-credit hour courses that are designed to prepare the student for a two-semester senior thesis (BUS 4910 and 4920) to be written during the senior year. In addition, the student will be required to complete a foreign language through the 305-level and spend one year at an approved international partner school taking BUS 3910 and 3920. Prior to their study abroad students are required to take BUS 2910. They will also be expected to complete at least one of their normal business courses with an honors designation.

This program is designed to provide a research experience to honors students majoring in business-related disciplines, while encouraging them to participate in a meaningful international experience. The research will be conducted under the supervision of at least one Clemson faculty member, and may include the active participation of a faculty member from an international partner school. The balance of the topic development will take place while the student is participating in a required academic year study abroad program at an approved university. The primary language of instruction at this partner school will be in the same foreign language that the student takes at Clemson.

Students may join as early as their first year, but may wait until the second semester of the sophomore year to declare an intention to participate in the program. They must meet all existing requirements for membership in the Calhoun Honors College and be accepted by the International Business Honors Committee which consists of six faculty members, one each elected from Accounting, Economics, Finance, Management, Marketing and Languages. The committee will be chaired by the Associate Dean for Undergraduate Programs of the College of Business and Behavioral Science.

**Marketing**

Departmental Honors in Marketing requires the following sequence of courses (of which 3 hours may count toward the 15 hours of support courses in Marketing) totaling 7 credit hours:

- **MKT**
  - 3900 Junior Honors Research (1) in conjunction with any three-credit Marketing courses other than Marketing 3010, MKT 3010 and MKT 4310.
  - 4900 Senior Honors Thesis Research (3)
  - 4910 Senior Honors Thesis Writing and Presentation (3)

Beginning no later than the first semester of the junior year, students who wish to complete Departmental Honors in marketing will consult with the department’s honors advisor to plan their program.
In the second semester of their junior year students may enroll in MKT 3900, a one-credit course. During this semester the student will select and complete a research project in conjunction with an approved 3-credit Marketing course.

In the first semester of the senior-year, students will enroll in MKT 4900 Senior Honors Thesis Research (3). Students will choose a suitable topic for their senior honors thesis. Students will be required to produce a research proposal which involves an imaginative approach to the subject, a sufficient literature review, a comprehensive introduction to the research topic and a detailed research plan. Evaluation will be summa cum laude, magna cum laude, cum laude, or no distinction. The course grade for MKT 4900 will be an ‘A’ for work that is awarded an honors grade and ‘B’ or below for work that is awarded a grade of no distinction.

The second semester of the senior-year, students will enroll in MKT 4910 Senior Honors Thesis Writing (3). Students will implement their research plan, write up their report and present and defend their Senior Honors Thesis in front of an audience made up of Marketing faculty, Honors students and others. Students will be evaluated on their written and oral presentation of their research findings. Evaluation will be summa cum laude, magna cum laude, cum laude, or no distinction. The course grade for MKT 4910 will be an ‘A’ for work that is awarded an honors grade and ‘B’ or below for work that is awarded a grade of no distinction.

The final thesis, which should be written using a style guide used by Marketing journals, will be bound and retained in the departmental library. One copy will be provided to the Honors Office.

**Political Science**

Departmental Honors in Political Science requires the following sequence of courses totaling 8 credit hours:

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POSC 3950</td>
<td>Junior Honors Research Seminar (1)</td>
<td></td>
</tr>
<tr>
<td>POSC 3960</td>
<td>Junior Honors Research (1)</td>
<td></td>
</tr>
<tr>
<td>POSC 4900</td>
<td>Senior Honors Thesis Research (3)</td>
<td></td>
</tr>
<tr>
<td>POSC 4910</td>
<td>Senior Honors Thesis (3)</td>
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</tbody>
</table>

Departmental Honors in Political Science consists of four courses, of which, three (3) hours will count toward the 30 hours in Political Science required for graduation. In your junior year you will take POSC 3950 and POSC 3960. In POSC 3950, you will participate with other honors students and with various members of the faculty in a research seminar. In this course, you will learn how to develop a research topic and how to choose an appropriate research methodology, and you will have the opportunity to hear research presentations by students who are writing their senior theses. At the conclusion of the course, you will prepare a research prospectus for a project to be completed the following semester in POSC 3960. This project will comprise a substantial research paper, written in conjunction with any approved three-credit 3000- or 4000-level political science course.

The senior thesis consists of a two-course sequence that will involve substantial independent research and will demonstrate a command of the appropriate literature. The thesis will be graded by your advisor, taking into account the comments of at least one other member of the faculty.

Requirements for POSC 4900 are assigned by your advisor and typically will consist of a detailed proposal or topic outline, an annotated bibliography, and other evidence of progress toward completion of the thesis. The final thesis grade will be summa cum laude, magna cum laude, cum laude, or no distinction. The course grade for POSC 4910 will be A for theses awarded an honors grade and B or below for theses awarded a grade of no distinction.

The Political Science Department also offers honors courses taught in a foreign language (French or Spanish):
Psychology
Departmental Honors in Psychology requires the following sequence of courses totaling 6-8 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 4900</td>
<td>Senior Division Honors Research I (2-4)</td>
<td></td>
</tr>
<tr>
<td>PSYC 4910</td>
<td>Senior Division Honors Research II (2-4)</td>
<td></td>
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</tbody>
</table>

A cumulative GPA of 3.40 or higher in Psychology courses is required for participation in Departmental Honors. The program involves two semesters of independent research culminating in a thesis of publishable quality. The thesis may be empirical, historical, or theoretical in nature and should demonstrate your ability to evaluate and subsequently add to an important area of psychological study. A total of six to eight credits of PSYC 4900 and PSYC 4910 is required, with variable credit hours per semester allowed.

The department recommends that you take PSYC 4900 the second semester of your junior year and PSYC 4910 the first semester of your senior year. You are encouraged to use the second semester of your senior year for manuscript revision and submission of your thesis for publication. Prior to undertaking PSYC 4900 you are encouraged to participate in the PSYC 4990 seminar, which focuses on specific research projects and evaluation of design, methods, analysis, and interpretation.

To graduate with Departmental Honors you must successfully defend your completed thesis before the thesis committee and other interested parties.

The department also offers the following honors courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 3400</td>
<td>Life-span Developmental Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>PSYC 3520</td>
<td>Social Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>PSYC 3830</td>
<td>Abnormal Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>PSYC 3900</td>
<td>Honors Seminar in Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>PSYC 4220</td>
<td>Sensation and Perception (3)</td>
<td></td>
</tr>
<tr>
<td>PSYC 4970</td>
<td>Directed Studies in Psychology (1-4)</td>
<td></td>
</tr>
<tr>
<td>PSYC 4980</td>
<td>Team Based Research (1-4)</td>
<td></td>
</tr>
</tbody>
</table>

Sociology
Departmental Honors in Sociology requires the following sequence of courses totaling 15 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 3030</td>
<td>Methods of Social Research I (4)</td>
<td></td>
</tr>
<tr>
<td>SOC 3100</td>
<td>Marriage and Intimacy (3)</td>
<td></td>
</tr>
<tr>
<td>SOC 3940</td>
<td>Sociology of Mental Illness (3)</td>
<td></td>
</tr>
<tr>
<td>SOC 4080</td>
<td>Honors Thesis Research I (3)</td>
<td></td>
</tr>
<tr>
<td>SOC 4090</td>
<td>Honors Thesis Research II (3)</td>
<td></td>
</tr>
</tbody>
</table>

The Departmental Honors program in Sociology includes a thesis researched and written during the two semesters of your senior year under the guidance of a faculty mentor. Additional guidance may be provided by a faculty committee, one member of which will be your mentor.

The thesis will involve substantial independent research and demonstrate a command of appropriate literature. The thesis will be graded by the mentor, who will receive and consider the comments of another faculty member. The SOC 4080 work usually consists of a detailed outline proposal, an annotated
bibliography, and other evidence of substantial work toward completion of the thesis. SOC 4090 will involve
the actual writing, and where necessary, revision of the thesis for presentation. A minimum GPA of 3.40 in
sociology courses is required for participation in this program.

College of Business and Behavioral Science (Non-Thesis Programs)

Accounting
Departmental Honors in Accounting requires four of the following courses totaling 12 credit hours:

ACCT  3030  Cost Accounting (3)
      3110  Intermediate Financial Accounting I (3)
      3120  Intermediate Financial Accounting II (3)
      3130  Intermediate Financial Accounting III (3)
      4040  Individual Taxation (3)

In lieu of no more than one of the above courses, the student may take one 3000- or 4000-level honors course
in Economics, Finance, Management or Marketing.

Financial Management
For majors in Accounting and Financial Management, the Departmental Honors in Financial Management
requirements consist of 12 semester hours as follows:

Financial Management Corporate Finance sequence:
FIN  3110  Financial Management I (3)
      3120  Financial Management II (3)
      4020  Advanced Corporate Finance (3)
      4040  Financial Modeling (3)

Financial Services sequence:
FIN  3110  Financial Management I (3)
      3120  Financial Management II (3)
      4050  Portfolio Management and Theory (3)
      4060  Analysis and Use of Derivatives (3)

Students may not mix and match courses from different sequences to count for Departmental Honors credit.

In FIN 4020 and 4040, students work individually and in groups on a year-long merger analysis project
including background research on the firms, ratio analysis, comparable firms analysis, and comparable
transactions analysis. They write an end of year report
and present their findings to the faculty.

In FIN 4050 and 4060, students work on individualized projects related to practical
applications in investments management.

In lieu of one of 3110 or 3120, a student may take FIN 4100 for three hours (with the permission of the
department chair) or a three hour 3000- or 4000-level honors course in Accounting, Economics,
Management, or Marketing. A substitution may be made for a course in one of the senior-level sequences
only if the student is enrolled off-campus during one of the student’s final two semesters.
**Graphic Communications**
Departmental Honors in Graphic Communications requires at least four of the following courses totaling at least 12 credit hours.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>G C 4060</td>
<td>Package and Specialty Printing (4)</td>
</tr>
<tr>
<td>G C 4400</td>
<td>Commercial Printing (4)</td>
</tr>
<tr>
<td>G C 4440</td>
<td>Current Developments &amp; Trends in Graphic Communications (4)</td>
</tr>
<tr>
<td>G C 4480</td>
<td>Planning and Controlling Printing Functions (3)</td>
</tr>
<tr>
<td>G C 4510</td>
<td>Special Projects in Graphic Communications (1-6)</td>
</tr>
</tbody>
</table>

**Management**
Departmental Honors in Management requires four of the following courses totaling 12 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 3070</td>
<td>Human Resource Management (3)</td>
</tr>
<tr>
<td>MGT 3100</td>
<td>Intermediate Business Statistics (3)</td>
</tr>
<tr>
<td>MGT 3120</td>
<td>Decision Models for Management (3)</td>
</tr>
<tr>
<td>MGT 4020</td>
<td>Operations Planning and Control (3)</td>
</tr>
<tr>
<td>MGT 4150</td>
<td>Business Strategy (3)</td>
</tr>
</tbody>
</table>

**College of Engineering and Science**

**Bioengineering**
Departmental Honors in Bioengineering requires the following courses totaling 7 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOE 4150</td>
<td>Research Principles and Concepts (1)</td>
</tr>
<tr>
<td>BIOE 4910</td>
<td>Mentored Research in Bioengineering (1-4) for a total of six credit hours over a period of two semesters</td>
</tr>
</tbody>
</table>

The Departmental Honors program in Bioengineering provides exceptional students training and practical experience in the conduct of experimental research under the supervision of a faculty advisor. BIOE 4150 provides academic training in research planning, ethical conduct, professional documentation, and dissemination in both oral and written formats. Students are strongly encouraged to co-enroll in BioE 4150 (6150 if pursuing BS/MS degree) during their first semester of BIOE 4910.

In BIOE 4910, students will perform a review of relevant peer-reviewed literature, conduct a mentored research project, and present their findings in a poser or oral presentation (final semester) during the department's research day near the end of each semester. During their final semester of BIOE 4910, students must prepare a senior thesis including the background, methods, results, and conclusions of the research project that must be approved by the faculty advisor and the department Honors Committee. Six credits of BIOE H 4910 may be used to satisfy the BIOE Technical Requirements within the Bioengineering curriculum.

**Note:** Effective Summer 2010, BIOE 4910 will replace BIOE 4500. Existing credits in BIOE 4500 will be counted towards fulfillment of the 6 required research credits.

**Biosystems Engineering**
Departmental Honors in Biosystems Engineering requires the following sequence of courses totaling 7 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 3000</td>
<td>Biosystems Engineering Honors Seminar (0)</td>
</tr>
</tbody>
</table>
To be eligible for Departmental Honors in Biosystems Engineering you must have a minimum overall GPA of 3.5 and a written recommendation by two faculty members in the Biosystems Engineering (BE) program. One of the recommending faculty members must be willing to serve as the advisor for the thesis. The faculty advisor and student must provide a general topic area and statement of available and required resources to complete the thesis in the required time period.

In BE 3000, taken during the fall semester of the junior year, students are introduced to current faculty research. Project ideas are then developed to prepare students in choosing a research topic for the senior honors thesis. Students are required to attend senior honors thesis presentations. The research will begin during the spring semester of the junior year with BE 3010. In the first semester of your senior year, you will enroll in BE 4000 and take BE 4510 during your final semester.

During the research/thesis process you will review the literature pertinent to the research topic, conduct a research program, develop a portfolio, and present a summary of the background analysis and results of the project in the form of a senior thesis which must be approved by your faculty advisor. You are also required to make a presentation of your research program in a public seminar and to submit one copy of your thesis to the Honors Office. The final version of the thesis must be submitted to the advisor by the last day of finals week of the fall semester of the senior year.

**Chemical Engineering**

Departmental Honors in Chemical Engineering requires the following sequence of courses totaling 8 credit hours:

- CHE 3000  Honors Seminar (1)
- CHE 3950  Honors Research I (3)
- CHE 4950  Honors Research II (3)
- CHE 4970  Honors Thesis (1)

Students in the Chemical Engineering Departmental Honors program will conduct a major research project under the direction of a faculty member and write an honors thesis. In the first semester of the junior year honors students take CHE 3000. To earn this pass/fail credit honors students attend the department's CHE 8950 graduate seminar and meet individually with faculty members to learn about research opportunities in chemical engineering. By the end of the semester students select a research topic and faculty advisor. In the next two semesters honors students take CHE 3950 and CHE 4950. In these lab courses the students conduct research, write progress reports, and review their results periodically with their faculty advisor. In CHE 4950 each student presents a seminar before the faculty, graduate students and other honors students taking CHE 3000. In the last semester of the senior year the student registers for CHE 4970 and writes an honors thesis. With the approval of the faculty research advisor the exact timing of the honors sequence can be adjusted to accommodate students who are also involved in the cooperative education program.

**Chemistry**

Departmental Honors in Chemistry requires four of the following courses totaling 12 credit hours:

- CH 4430  Research Problems (3)
- CH 4440  Research Problems (3)

The additional six semester hours must be taken from the following list.
Departmental Honors in Chemistry requires a two-semester sequence of research and a senior honors thesis while registered in CH 4430/4440. Both semesters should be performed on a continuation of the same research project with the same advisor, since research of the caliber required for an honors thesis cannot be completed in one semester. Therefore students should make sure that the project embarked upon is one of interest and that s/he can work well with the advisor chosen by the student. In addition the research advisor will choose an advisory committee of two other faculty members who will read the thesis and provide feedback. Students will write an interim paper at the end of CH 4430 and a full research paper at the end of CH 4440. The advisory committee will give an oral examination on the research project.

**Civil Engineering** (three options)

**Option one:** Honors Thesis Option for students in the BS Degree Program in Civil Engineering requires the following sequence of courses totaling 7-8 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 3320</td>
<td>Physical Chemistry (3)</td>
</tr>
<tr>
<td>4010</td>
<td>Organometallic Chemistry (3)</td>
</tr>
<tr>
<td>4020</td>
<td>Inorganic Chemistry (3)</td>
</tr>
<tr>
<td>4040</td>
<td>Bioinorganic Chemistry (3)</td>
</tr>
<tr>
<td>4130</td>
<td>Chemistry of Aqueous Systems (3)</td>
</tr>
<tr>
<td>4210</td>
<td>Advanced Organic Chemistry (3)</td>
</tr>
<tr>
<td>4270</td>
<td>Organic Spectroscopy (3)</td>
</tr>
<tr>
<td>4350</td>
<td>Atomic and Molecular Structure (3)</td>
</tr>
</tbody>
</table>

Honors students in the Civil Engineering Departmental Honors program generally take CE 3880 and CE 3890 in the junior year. These courses are designed to prepare students for the senior-year thesis, which consists of CE 4880 and CE 4890. This sequence allows Civil Engineering honors students the opportunity to carry out a major research project under the direction of a selected faculty member. Students must complete an Honors Research Thesis and an oral defense of the thesis attended by the student’s faculty advisor, Civil Engineering Honors Coordinator and other interested faculty and students.

**Option two:** Research Option for students in the BS/MS Degree Program in Civil Engineering requires the following sequence of courses totaling 7-8 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE 3880</td>
<td>Honors Research Topics (1)</td>
</tr>
<tr>
<td>3890</td>
<td>Honors Research Skills (1)</td>
</tr>
<tr>
<td>4880</td>
<td>Honors Research I (2-3)</td>
</tr>
<tr>
<td>4890</td>
<td>Honors Research II (3)</td>
</tr>
</tbody>
</table>

Students must complete a research proposal including any preliminary research needed to reasonably define the scope and methodology of the proposed research. The research project will have the scope of activity normally associated with an MS thesis.

The expect outcome includes a research proposal, including an introduction of the problem statement, literature review, research methodology and sufficient preliminary results to validate the intended study. The student will also be required to give a proposal presentation attended by the student’s faculty advisor, Civil Engineering Honors Coordinator and other interested faculty and students.
**Option three (Portfolio Option):** Completion of four Honors Projects, typically one project completed each semester during a student’s junior and senior years (enroll in courses listed below for a total of 4-6 credit hours). If necessary, a student can complete multiple projects in a single semester to complete four projects in less than four semesters.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE 3870</td>
<td>Junior Honors Project (1-3)</td>
<td>1-3</td>
<td>two-three semesters</td>
</tr>
<tr>
<td>CE 4870</td>
<td>Senior Honors Project (1-3)</td>
<td>1-3</td>
<td>two-three semesters</td>
</tr>
</tbody>
</table>

The Honors portfolio, containing all completed honors projects, will be presented to the Civil Engineering Honors Program Coordinator and participating faculty for review and comment.

**Computer Science**

Departmental Honors in Computer Science requires the following sequence of courses totaling 7-8 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPSC 3950</td>
<td>Honors Seminar (1)</td>
<td>1</td>
<td>up to two semesters – one is required</td>
</tr>
<tr>
<td>CPSC 4950</td>
<td>Senior Honors Research</td>
<td>1-3</td>
<td>two semesters</td>
</tr>
</tbody>
</table>

The Departmental Honors program in Computer Science consists of a junior-year honors seminar and a senior-year honors thesis. In each semester of the junior year honors students must take CPSC H3950, a one-credit course designed to introduce students to the research interests of the faculty and to suggest possible topics for the senior thesis. By the end of the second semester of CPSC H3950 the student is expected to have chosen a thesis topic and a research advisor.

After completing the junior honors seminar, the student will complete an honors thesis while enrolled in two semesters of CPSC H4950 for a total of six credits. Upon completion of the written thesis, the student is expected to make a presentation to an open seminar attended by Computer Science faculty and honors students.

**Electrical and Computer Engineering**

Departmental Honors in Electrical and Computer Engineering requires the following sequence of courses totaling 8 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 3000</td>
<td>Junior Honors Seminar (1)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>ECE 3300</td>
<td>Signals, Systems, and Transforms (3)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Four additional credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 4910</td>
<td>Undergraduate Honors Research</td>
<td>1-6</td>
<td>two semesters</td>
</tr>
</tbody>
</table>

Or a combination of the following (4 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 2990</td>
<td>Creative Inquiry in Electrical and Computer Engineering (1-4)</td>
<td>up to 1 credit</td>
<td></td>
</tr>
<tr>
<td>ECE 3990</td>
<td>Creative Inquiry in Electrical and Computer Engineering (1-4)</td>
<td>up to 1 credit</td>
<td></td>
</tr>
<tr>
<td>ECE 4990</td>
<td>Creative Inquiry in Electrical and Computer Engineering (1-4)</td>
<td>2-4 credits</td>
<td></td>
</tr>
</tbody>
</table>

The Departmental Honors Program in Electrical and Computer Engineering provides qualified students the opportunity to pursue a comprehensive research project under the supervision of a faculty advisor.
In your junior year you will take ECE 3300 and ECE 3000 a seminar designed to introduce you to research activities within the department.

Students may select either of the following options associated with the honors thesis:

Option 1 – Honors Thesis: This option includes four credits of ECE 4910 taken in the senior year. You will be required to do a literature survey of your chosen topic and to develop a research plan that will evolve into a senior thesis. Research will be performed under the direction of a faculty advisor. The honors thesis must meet the standards of the faculty advisor and the Calhoun Honors College, and you will be required the Honors Office with a copy of your thesis.

Option 2 – Creative Inquiry with Honors Thesis: This option includes four credits of one or a combination of the following courses: ECE 2990 (up to 1 credit) ECE 3990 (up to 1 credit); and ECE 4990 (2-4 credits) The Creative Inquiry (CI) courses may be taken in the sophomore, junior or senior year. You will work with a faculty advisor individually or as a member of a research team. The CI program has been designed to promote your reasoning and critical thinking skills, ethical judgment, and communication skills as well as a deep understanding of the methods of scientific research. This option may get you involved in research activities earlier, and well lead to an honors thesis. The honors thesis must meet the standards of the faculty advisor and the Calhoun Honors College, and you will be required the Honors Office with a copy of your thesis.

Note: The credit hours associated with ECE 4990 and ECE 4910 can be used to satisfy up to 3 credits of the technical elective requirements of the Electrical Engineering curriculum or the Computer Engineering curriculum.

**Geology**

Departmental Honors in Geology requires the following sequence of courses totaling 12 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 4110</td>
<td>Research Problems for a total of six credit hours taken under a single research advisor over a period of two semesters (1-3)</td>
<td></td>
</tr>
</tbody>
</table>

Two courses selected from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 3000</td>
<td>Environmental Geology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 3020</td>
<td>Structural Geology</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 3140</td>
<td>Sedimentary Petrology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 3160</td>
<td>Igneous and Metamorphic Petrology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 3750</td>
<td>Bahamian Field Study</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 4080</td>
<td>Geohydrology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Industrial Engineering**

Departmental Honors in Industrial Engineering requires the following sequence of courses totaling 7 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IE 2680</td>
<td>Creative Inquiry Seminar in Industrial Engineering</td>
<td>1</td>
</tr>
<tr>
<td>IE 4000</td>
<td>Honors Thesis (1-6) for a total of six credit hours over a period of two or more semesters</td>
<td></td>
</tr>
</tbody>
</table>

The Departmental Honors Program in Industrial Engineering provides students with an opportunity to engage in research under the guidance of a faculty advisor. If the research ultimately proves fruitful, it is
disseminated to the professional community via presentations, publications, or both. In addition, opportunities exist for students to participate in local and national research competitions.

A student receives academic credit for the research through a series of courses. The first in the series is IE 2680, a course in which honors students become familiar with current research in industrial engineering and begin groundwork for their own research; IE 268 is one credit hour. As the work progresses, students enroll in IE 4000. IE 4000 is a variable hour course that may be taken two or more times, in multiples of one hour, for a total of six credits. Since IE 4000 is a variable hour course, it affords students considerable flexibility. Moreover, the research hours may be substituted for six credits of the Department’s technical elective requirement. While enrolled in IE 4000, the research project is defined and developed, and ultimately culminates in the form of an honors thesis. Upon successful completion of the honors thesis, it must be submitted both to the Calhoun Honors College and the Department’s Honors Coordinator. In addition, the Department requires an abstract and a profile, examples of which may be found on the Department’s Honors Program Web site (theses of former honors students may be found there as well).

Finally, IE 600 is also an option for those students in the Combined Bachelor’s/Master’s Program in Industrial Engineering. In addition to the requirements for IE 4000, requirements for IE 6000 include first forming a thesis committee (consisting of your mentor, the Honors Coordinator and at least one other faculty member), and subsequently presenting both a preliminary proposal defense and final thesis defense to this committee. Thus the IE 6000 requirements more closely parallel those of a master’s thesis.

**Materials Science and Engineering**

Departmental Honors in Materials Science and Engineering requires the following sequence of courses totaling 8 credit hours:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSE 3000</td>
<td>Honors Seminar (1)</td>
<td></td>
</tr>
<tr>
<td>MSE 3950</td>
<td>Honors Research I (3) *see below for acceptable substitute</td>
<td></td>
</tr>
<tr>
<td>MSE 4950</td>
<td>Honors Research II (3)</td>
<td></td>
</tr>
<tr>
<td>MSE 4970</td>
<td>Honors Thesis (1)</td>
<td></td>
</tr>
</tbody>
</table>

Students wishing to participate in the Materials Science and Engineering Departmental Honors Program must have no grade lower than a C in any engineering course taken at Clemson University. Except for MSE 3000, which is offered pass/fail.

In MSE 3000, normally taken in the first semester of the junior year, students attend a weekly graduate seminar and are acquainted with current research in materials science and engineering. Attendance at each seminar is mandatory; students accumulating more than one unexcused absence will receive a grade of F and will be dismissed from the Departmental Honors program. No later than two weeks before the end of the semester, students in MSE 3000 will identify a research project and will submit a proposal to the honors program coordinator.

During the spring semester of the junior year and the fall semester of the senior year, the student completes six hours of honors research by enrolling in MSE 3950 and MSE 4950. With the approval of the department's Honors Program Committee, *students participating in the Cooperative Education Program may substitute three hours of MSE 4060 (Summer Honors Project) earned over the course of a summer (two hours for one session, and one hour for the other) for MSE 3950.*

During the spring semester of the senior year, the honors student will enroll in MSE 4970 and write a thesis based on the research done in MSE 3950 and MSE 4950.
The Materials Science and Engineering faculty intends for the Departmental Honors program to be an enriching experience beyond that normally provided to undergraduates. Therefore, Materials Science and Engineering honors courses may not be substituted for courses required for the B.S. degree.

**Mathematical Sciences**
Departmental Honors in Mathematical Sciences requires the following sequence of courses totaling 8 credit hours:

- MTHS 3820 Honors Seminar (1) for a total of two credit hours over a period of two semesters
- MTHS 4820 Undergraduate Research (3) for a total of six credit hours over a period of two semesters

Students beginning the Departmental Honors program in Mathematical Sciences must complete two credits of MTHS 3820, taken in both semesters of the junior year, and six credits of MTHS 4820 in the senior year. MTHS 3820 is a weekly seminar that prepares students for their senior thesis. In this course, students undertake readings in the philosophy and foundations of mathematics and in research strategies. Students also attend the thesis presentations of senior honors students. By the end of the second semester of MTHS 3820 the student is expected to have identified a research topic and an advisor.

In MTHS 4820, taken in both semesters of the senior year, the student pursues the research topic under the guidance of the faculty advisor. By the end of the first semester the student submits a written interim report and makes an oral presentation on the research progress to date. By the end of the second semester the student submits a written thesis and presents an oral defense to honors students and faculty.

**Mechanical Engineering**
Departmental Honors in Mechanical Engineering requires the following sequence of courses totaling 6 credit hours:

- ME 3000 Junior Honors Seminar (0) taken both semesters of your junior year
- ME 4150 Undergraduate Research (1-3) for a total of six credit hours over a period of two semesters

The Departmental Honors program in Mechanical Engineering provides outstanding students an opportunity to conduct in-depth research under the guidance of a faculty advisor. In your junior year you must participate in ME 3000 that introduces you to the spectrum of research activities in the department. By the end of your junior year you must have identified a specific research project, with the approval of your chosen faculty advisor.

During your senior year you must satisfactorily complete a senior research thesis while enrolled in two semesters of ME 4150. The six credits of ME 4150 are accepted for the technical electives required by the mechanical engineering curriculum. You will review the literature pertinent to the research topic, conduct a research program, and present a summary of the background analysis and results of the project in the form of a senior thesis which must be approved by your faculty advisor and the department Honors Committee. You are also required to make a presentation of your research program in a public seminar and to submit one copy of your thesis to the Honors Office.

**Physics**
Departmental Honors in Physics requires the following sequence of courses totaling 11-13 credit hours:

- PHYS 3000 Introduction to Research (1)
4010  Senior Thesis (1-3) for a total of four to six credit hours over a period of two semesters

In addition, you must take at least six credits of 3000-4000-level honors courses from the following list:

PHYS  3210  Mechanics I (3)
       3220  Mechanics II (3)
       3250  Experimental Physics I (3)
       3260  Experimental Physics II (3)
       3550  Modern Physics (3)
       4170  Introduction to Biophysics I (3)
       4320  Optics (3)
       4410  Electromagnetics I (3)
       4420  Electromagnetics II (3)
       4460  Solid State Physics II (3)
       4520  Nuclear and Particle Physics (3)
       4550  Quantum Physics I (3)
       4560  Quantum Physics II (3)
       4650  Thermodynamics and Statistical Mechanics (3)

The Departmental Honors program in the Department of Physics and Astronomy is open to honors students with junior standing that are judged capable of pursuing and completing a comprehensive research project under the supervision of a faculty advisor. To participate in the program you must be recommended by your advisor or honors director and approved by the department chair. You will then be required to satisfactorily complete the required honors courses, culminating in an approved thesis.

In your junior year you will take PHYS 3000, which is designed to introduce you to research activities within the department and to help you identify a research project and a faculty advisor to supervise your senior-year thesis work.

In your senior year you will take PHYS 4010. You will be required to do a literature survey of your chosen topic, conduct a research program, and present a summary of the background and results of the project in the forms of a senior thesis and a public seminar. The thesis must be approved by the department chair.

**College of Health, Education and Human Development**

**Teacher Education**

Departmental Honors in Teacher Education requires the following sequence of courses for a total of a minimum of six credit hours:

ED 4990  Education Honors Capstone (1-6) for a total of a minimum of six credit hours over a period of at least two semesters

The goals of Departmental Honors in Teacher Education are to provide honor students with in-depth research experiences in an area of interest and to provide faculty the opportunity to involve honor students in faculty research.

Departmental Honors in Teacher Education requires ED 4990, to be taken for a minimum of 2 semesters, for a minimum of 6 total hours. Typically ED 4990 will be taken both semesters of the junior year, from the same professor, for 3 credits each semester.

ED 4990 has the prerequisite of EDF 3020 (to be taken in the spring of the sophomore year), and the pre-
co-requisite of EDF 3010. In EDF 3020 the honor students will learn basic quantitative research skills and will be introduced to potential faculty mentors for ED 4990. In EDF 3010 the honor students will learn about basic literature review and qualitative research. The instructor of record for ED 4990 will be the honor student's faculty research mentor. The choice of a mentor is initiated by the honor student, who finds a faculty member who agrees to be a mentor.

**Nursing**

Departmental Honors in Nursing requires the following sequence of courses totaling 9 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 3280</td>
<td>Honors Seminar I (2)</td>
</tr>
<tr>
<td>3300</td>
<td>Research in Nursing (3)</td>
</tr>
<tr>
<td>4200</td>
<td>Honors Seminar II (2)</td>
</tr>
<tr>
<td>4280</td>
<td>Honors Seminar III (2)</td>
</tr>
</tbody>
</table>

Students work with an honors mentor to develop and implement an honors project. In NURS 3280, students identify an area of interest, identify team members for their project, and contact a faculty mentor. In NURS 3300, students review the literature about their topic and begin to develop their proposals. In NURS 4280, students finalize their proposal and submit for funding, then in NURS 4280, students carry out their project, write it up and present it at the college research day and at any Calhoun Honors research day.

This is designed to provide nursing honors students an opportunity for advanced, independent and in-depth study of a clinical problem or professional issue in nursing under the guidance of a faculty preceptor.

Honors nursing students develop and implement a directed study project or honors thesis that addresses a major clinical problem related to nursing or a professional nursing issue.

Students will be admitted to the Honors Program in Nursing in the Fall semester only.

**Public Health Sciences**

Departmental Honors in Health Science requires the following sequence of courses totaling 7 credit hours:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 3950</td>
<td>Honors Research Seminar (3)</td>
</tr>
<tr>
<td>4950</td>
<td>Honors Thesis Seminar (3)</td>
</tr>
<tr>
<td>4960</td>
<td>Honors Research Colloquium (1)</td>
</tr>
</tbody>
</table>

Departmental Honors in Public Health Sciences requires two semesters (three credits each) of independent research and participation in a one-credit research colloquium in which the student will present an honors thesis, portfolio of creative work, a major research project, or service-learning project in a public forum to other honors students and faculty. The Department of Public Health Sciences will select six Departmental Honors candidates each year for participation in the Departmental Honors program. In HLTH 3950, the student participates with other honors students in a research seminar and attends the senior honors student presentations during the honors research colloquium. Students are required to identify faculty mentors during the spring semester of their junior year as part of this seminar and solicit their input in the creation of the research proposal. HLTH 4950 involves collection and analysis of data under the supervision of a faculty mentor in the student’s area of interest, the writing of the thesis, the creation of a portfolio of creative work, or the development of a major research project and oral, written and/or visual presentation of the honors work to the faculty of the Department of Public Health Sciences and departmental honors students in a one-hour research colloquium, HLTH 4960, in the Spring of the senior year. Honors projects are expected to involve substantial independent research and will demonstrate a command of the appropriate literature.
Parks, Recreation, and Tourism Management (two options)

#1 Internship Option: Departmental Honors in Parks, Recreation, and Tourism Management requires the following sequence of courses totaling 8 credit hours:

PRTM 3990 Introduction to Field Training and Research (1)
4080 Honors Internship (6)
4990 Presentation of Honors Projects (1)

#2 Research Option: Departmental Honors in Parks, Recreation, and Tourism Management requires the following sequence of courses totaling 8 credit hours:

PRTM 3990 Introduction to Field Training and Research (1)
4090 Methods of Recreation Research I (3)
4100 Methods of Recreation Research II (3)
4990 Presentation of Honors Projects (1)

Departmental Honors may be earned through either the internship option or the research option. With the consent of the PRTM Departmental chair, students may take PRTM 4080, 4090, and 4100.

In PRTM 3990 students will be prepared for either the internship or research experience or both. In this course the student will write a preliminary proposal for either a research project or internship and identify a PRTM faculty member willing to supervise the honors project. Following PRTM 3990 students will take PRTM 4080 or the sequence of PRTM 4090 and 4100. PRTM 4080 is a graded course and will replace PRTM 4050 and the student will be expected to undertake a more sophisticated task or series of tasks and offer a more detailed and critical analysis of the project. In PRTM 4090 the student will study various approaches to research and develop a research project in conjunction with the faculty member who will supervise PRTM 4100. In PRTM 4100 the student will conduct the proposed research project. In PRTM 4990 the student will complete a written summary of the projects conducted in PRTM 4080 or PRTM 4100 and prepare and present an oral summary of the project. The oral presentation will be made in PRTM 9100 or in an appropriate professional setting with the permission of the supervising instructor.

Departmental Honors is not available to students majoring in Golf Management.

HONORS AWARDS AND RECOGNITIONS

General Honors: Your successful completion of the requirements for General Honors is recognized by a certificate of completion upon your graduation from Clemson University. Your diploma, permanent transcript and commencement program will indicate your General Honors achievement.

Departmental Honors: Your successful completion of the requirements in Departmental Honors will be recognized at a special awards ceremony the day before graduation in December and May. At that ceremony you will be presented the B.C. Inabinet Honors Medallion, which you are privileged to wear during the commencement exercises as a symbol of your outstanding achievements. Your diploma, permanent transcript, and commencement program will indicate your Departmental Honors achievements.

General and Departmental Honors: Your successful completion of the requirements of both General Honors and Departmental Honors will be recognized at a special awards ceremony the day before graduation in December and May. At that ceremony you will be presented the B.C. Inabinet Honors Medallion, which you are privileged to wear during the commencement exercises as a symbol of your outstanding achievements. Your diploma, permanent transcript, and commencement program will indicate your General and Departmental Honors achievements.
MEMBERSHIP BENEFITS
In addition to the primary reward of a challenging and enriched program of study, Calhoun Honors College provides to its members a number of benefits.

Honors Housing
On a space-available basis honors students may request to reside in honors housing in Holmes Hall, a coeducational facility that accommodates approximately 300 students. Honors students wishing to reside in Holmes Hall are advised that space is limited. Being an honors student does not guarantee a housing assignment to Holmes Hall.

Entering honors freshmen will be sent housing information from the University Housing Office. Room assignments in Holmes Hall are made in July and are based on the date of application for general undergraduate admission to Clemson University.

For continuing students as well as entering freshmen who desire honors housing, roommate requests may be granted, but only if all occupants of a room are members in good standing of the Honors College. Transfer students and Clemson students who join Calhoun Honors College after the first semester of their freshman year must participate academically in the program for at least one semester before becoming eligible for honors housing.

If you reside in Holmes Hall and your cumulative GPA falls below 3.40, thereby placing you on honors probation, you may remain in Holmes for the remainder of the probationary semester. If at the end of the probationary semester, whether fall or spring, your cumulative GPA remains below 3.40, you will lose all privileges of membership in the program, including honors housing. Freshmen residents of Holmes Hall whose first semester GPA is below 2.80 may be reassigned to other campus housing effective the next semester.

Early Course Registration and Scheduling
Near the end of each semester students register on-line via except for entering freshmen, honors students are given priority in selecting and scheduling their courses, and are allowed to access the registration system when it opens for seniors. Students joining honors after the first semester of their freshman year must participate academically in the program one semester before becoming eligible for early scheduling.

Due to limited enrollments in most honors courses, it is important that early registration be exercised responsibly. The purpose of this privilege is to enable honors students to meet the requirement of taking at least one honors course each semester. Therefore, as soon as the registration system opens for honors students, you should schedule your honors course(s) first and then schedule your other courses accordingly.

Library Loan
As a member of the Calhoun Honors College you are allowed to check out library materials for an extended period of time. Also, you may check out certain materials that normally are not allowed to leave the library. Under the university’s library loan policy, honors students are treated the same as graduate students.

SPECIAL ACADEMIC PROGRAMS AND SERVICES

Conference Travel Fund
The Conference Travel Fund (CTF) is intended to provide financial support to students in the Calhoun Honors College planning to attend conferences related to their academic interests. Students can apply for funding for conference registration fees, lodging, food and transportation.
Cultural Enrichment
Cultural Enrichment
Calhoun Honors College enhances the cultural lives of its members by providing opportunities to visit area
art galleries and museums and to attend a variety of dramatic and musical performances. Subject to available
funds, a limited number of tickets are purchased for events at Clemson’s Brooks Center for the Performing
Arts. The calendar of events is established each year with input from the officers of Calhoun Society, the
honors student organization.

Departmental Honors Research Grants
At the beginning of the fall and spring semesters, honors students may apply for funds to support their
Departmental Honors research projects. These competitive grants may be used to fund such needs as
equipment, supplies, and travel to professional meetings or research facilities, or other items that are beyond
the capacity of the student’s department to provide. Guidelines and application materials are available in the
Honors Office.

Dixon Fellows Program
Through cultural enrichment activities and intellectual exchanges, the Dixon Fellows Program nurtures
students who possess the talent and potential to compete for Rhodes, Marshall, Truman, Fulbright and other
prestigious fellowships. Admission to the program is highly selective and requires a formal application. This
special program is administered by Calhoun Honors College and is supported by the Joseph E. and Caroline
G. Dixon Endowment.

Dixon Fellows Global Policies Scholars
The Dixon Global Policy Scholars (GPS) offers a challenging learning opportunity for students interested in
pursuing a major scholarship (such as the Rhodes, Truman or Marshall) and in enhancing their knowledge of
the issues that shape the world. Admission to the program is open to freshmen, is highly selective and
requires a separate application.

Educational Enrichment Travel Grants
Honors students may apply for funds to support life-changing educational experiences outside the classroom
and away from the Clemson campus. These experiences may be internships, foreign study, public service
projects, or other significant endeavors consistent with the student’s educational, career and life goals. These
awards are highly competitive. Guidelines and application materials are available in the Honors Office.

Freshman Mentoring Program
All incoming honors freshmen will be assigned an honors mentor. The Honors Freshman Mentoring Program
creates a community of students working and learning together to develop a unique perspective of living and
learning through shared experiences.

Major Fellowship Assistance
The Honors Office is the university’s central repository for information about major fellowships. In addition
to providing application forms, our office is responsible for screening candidates and nominees for Rhodes,
British Marshall, Truman, Fulbright, Goldwater and other extramural fellowship competitions. As an honors
student, you will receive early notice of fellowship qualifications and application procedures.

Seniors Advising Sophomores in Honors (SASH) Program.
The SASH Program provides sophomore honors students the opportunity to connect with and learn from
senior honors students. The SASH Program promotes a collaborative environment among honors students to
enhance educational experiences. Senior Advisors work to provide a high level of service to honors student
by helping them connect to and utilize honors and campus resources.
**Study Abroad Programs**
The Honors College offers a five-week, six credit (two courses) program of study in Brussels, Belgium. These courses are for honors credit; one being HON 2020 for Social Science credit, the other HON 2090 for Cross Cultural Awareness credit.

**The New York Times Readership Program**
Free copies of The New York Times are available for honors students at Holmes Hall and in the Honors Office each day (even on the weekends in Holmes Hall). In addition to providing excellent daily news, The Times can be an invaluable tool for classes and in preparation for interviews for both employment and for extramural fellowships. The New York Times on-line edition also has many educational resources which can be used free-of-charge by our students.