Dear Honors Student:

Congratulations on your admission to the Calhoun Honors College!

A Clemson University education is a challenging and rewarding one. For a few promising, highly motivated students, we offer something extra — the chance to become an honors student.

The Calhoun Honors College is designed for inquisitive students who, in addition to mastering the subject matter of their courses, are interested in learning how to learn. Throughout your undergraduate career, the Calhoun Honors College will benefit you through enriched and exciting classes, close contact with outstanding teacher-scholars, and the opportunity to do in-depth research in your chosen field of study.

As with everything important in life, Honors entails an element of risk. Honors at Clemson is not easy, nor is it for everyone. Your professors will assume that as an honors student you are bright and capable. They also will expect you to work hard, be an active learner, and accept responsibility for developing your talents to their fullest potential.

I am extremely pleased that you have chosen Clemson and our Calhoun Honors College for your undergraduate experience, and I look forward to your becoming a partner in our commitment to excellence.

James F. Barker
President

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 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, not just the honors (“H”) component. If you are enrolled in a mixed honors/non-honors course and wish to drop the honors component while remaining enrolled for regular credit, you may do so according to the following conditions and procedures:

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 (e.g., MGT H301), and then re-add the regular, non-honors course (MGT 301).

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, the Honors Office and the Registrar’s Office to re-add the regular, non-honors course and section.

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 re-add the regular, non-honors course and section. During this period, dropping the honors component of a course will result in a grade of “W.”

4. After the seventh week of classes, courses may not be dropped. This policy also applies to honors components of mixed honors/non-honors courses. Thus, the student may not drop the honors component and remain in the course for regular (non-honors) credit.

5. If you are enrolled in the non-honors component of a mixed honors/non-honors course and wish to change into the honors component, 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 GPR of 3.40 or higher. Should your cumulative GPR 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 GPR 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 minimum. 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 GPR requirement. The decision of the Director shall be final. If at any time your cumulative GPR 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).

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
Honors courses taken above and beyond the minimum requirements for General Honors and Departmental Honors may be taken pass/fail if this is the only grading system allowed for the course, or if the course counts in the student’s curriculum as a “free elective.” 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 300- or 400-level course by means of an Honors Contract. 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 GPR, 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 GPR 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 100-200 level courses that satisfy the university’s General Education requirements or serve as introductory courses in your major. It is permissible for 300-400 level courses to be taken for General Honors; however, 100- and 200-level honors courses may not be applied toward the requirements of Departmental Honors, nor may a 300-400 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.

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

1) Completion of a minimum of six honors courses of no less than three credits each (except for CES H 102 which is two credit hours), distributed as follows
   a) At least one course from three or more groups (see below);
   b) At least one course in three or more subjects (e.g., ENGL, MTHSC);
2) A cumulative grade point average of 3.40 or higher on all coursework taken at Clemson (non-honors as well as honors courses);
3) A grade of A or B in all courses taken to fulfill the requirements of General Honors;
4) Completion of all university requirements for graduation.

Group I Composition and Communication
COMM   H250    Public Speaking (3)
ENGL   H103    Accelerated Composition (3)
        H314    Technical Writing (3)
HON     H223    Studies in Communications (3)

Group II Science, Mathematics & Engineering
AGRIC   H104    Introduction to Plant Sciences (3)
BIOL    H103, H104 General Biology I, II (4)
        H110, H111 Principles of Biology I, II (5)
CES     H102    Engineering Disciplines and Skills with Recitation (2)
CH      H101, H102 General Chemistry (4)
E C E    H202    Electrical Circuits I (3)
        H262    Electrical Circuits II (3)
E M     H202    Engineering Mechanics: Dynamics (3)
ENGR    H120    Engineering Problem Solving and Design (3)
        H141    Programming and Problem Solving (3)
        H190, H290 Special Projects in Engineering (1-3) [for a total of three credit hours
        H390, H490 over a period of one to three semesters]
EX ST   H301    Introductory Statistics (3)
GEN     H302    Molecular and General Genetics (3)
GEOL    H101    Physical Geology (3)
        H102    Earth History (4)
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<tr>
<th>Department</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MTHSC</td>
<td>H106, H108</td>
<td>Calculus of One Variable I, II (4)</td>
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<tr>
<td></td>
<td>H206</td>
<td>Calculus of Several Variables (4)</td>
<td></td>
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<td></td>
<td>H208</td>
<td>Introduction to Ordinary Differential Equations (4)</td>
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<td></td>
<td>H301</td>
<td>Statistical Methods I (3)</td>
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<td></td>
<td>H311</td>
<td>Linear Algebra (3)</td>
<td></td>
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<tr>
<td>PHYS</td>
<td>H122, H221</td>
<td>Physics with Calculus I, II (3)</td>
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<td></td>
<td>H222</td>
<td>Physics with Calculus III (3)</td>
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**Group III Social Science**

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<tr>
<td>HON</td>
<td>H192</td>
<td>Freshman Colloquium: Social Science (3)</td>
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<tr>
<td></td>
<td>H202</td>
<td>Science, Culture &amp; Human Values (3)</td>
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<tr>
<td>ECON</td>
<td>H211</td>
<td>Principles of Microeconomics (3)</td>
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<td></td>
<td>H212</td>
<td>Principles of Macroeconomics (3)</td>
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<td></td>
<td>H314</td>
<td>Intermediate Microeconomics (3)</td>
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<tr>
<td></td>
<td>H315</td>
<td>Intermediate Macroeconomics (3)</td>
<td></td>
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<tr>
<td>HIST</td>
<td>H122</td>
<td>History, Technology and Society (3)</td>
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<td></td>
<td>H124</td>
<td>Environmental History Survey (3)</td>
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<td></td>
<td>H172, H173</td>
<td>The West and the World I, II (3)</td>
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<td></td>
<td>H313</td>
<td>History of South Carolina (3)</td>
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<tr>
<td>LAW</td>
<td>H322</td>
<td>Legal Environment of Business (3)</td>
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<td>PO SC</td>
<td>H101</td>
<td>American National Government (3)</td>
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<td></td>
<td>H102</td>
<td>Introduction to International Relations (3)</td>
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<td>H104</td>
<td>Introduction to Comparative Politics (3)</td>
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<td>PSYCH</td>
<td>H201</td>
<td>Introduction to Psychology (3)</td>
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<td></td>
<td>H340</td>
<td>Lifespan Developmental Psychology (3)</td>
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<td>H352</td>
<td>Social Psychology (3)</td>
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<td>H383</td>
<td>Abnormal Psychology (3)</td>
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<td>H390</td>
<td>Honors Seminar in Psychology (3)</td>
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<td></td>
<td>H422</td>
<td>Sensation and Perception (3)</td>
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<td>SOC</td>
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<td>Introduction to Sociology (3)</td>
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**Group IV Arts and Humanities**

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<tr>
<td>A A H</td>
<td>H101, H102</td>
<td>Survey of Art &amp; Architectural History I, II (3)</td>
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<td></td>
<td>H203, H204</td>
<td>History &amp; Theory of Architecture I, II (3)</td>
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<td></td>
<td>H210</td>
<td>Introduction to Art &amp; Architecture (3)</td>
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<tr>
<td>HON</td>
<td>H190</td>
<td>Freshman Colloquium: Arts and Humanities – Literature (3)</td>
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<td>H191</td>
<td>Freshman Colloquium: Arts and Humanities - non-Literature (3)</td>
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<td></td>
<td>H203</td>
<td>Society, Art, and Humanities (3)</td>
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<td></td>
<td>H210</td>
<td>Experiencing Arts (3)</td>
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<tr>
<td>ENGL</td>
<td>H212</td>
<td>World Literature (3)</td>
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<td></td>
<td>H213</td>
<td>British Literature (3)</td>
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<td>H214</td>
<td>American Literature (3)</td>
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<td>H215</td>
<td>Literature in 20th -21st Century Contexts (3)</td>
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<tr>
<td>FR</td>
<td>H201, H202</td>
<td>Intermediate French (3)</td>
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<td>GER</td>
<td>H201, H202</td>
<td>Intermediate German (3)</td>
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<td>ITAL</td>
<td>H201, H202</td>
<td>Intermediate Italian (3)</td>
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<td>MUSIC</td>
<td>H210</td>
<td>Music Appreciation: Music in the Western World (3)</td>
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<tr>
<td>PHIL</td>
<td>H101</td>
<td>Introduction to Philosophic Problems (3)</td>
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<td>H102</td>
<td>Introduction to Logic (3)</td>
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<td>H103</td>
<td>Introduction to Ethics (3)</td>
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<td>REL</td>
<td>H102</td>
<td>World Religions (3)</td>
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<td>RUSS</td>
<td>H201, H202</td>
<td>Intermediate Russian (3)</td>
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<td>SPAN</td>
<td>H201, H202</td>
<td>Intermediate Spanish (3)</td>
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<td>THEA</td>
<td>H210</td>
<td>Theatre Appreciation (3)</td>
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**Group V Cross Cultural Awareness**

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<thead>
<tr>
<th>A A H</th>
<th>H210</th>
<th>Introduction to Art &amp; Architecture (3)</th>
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<tr>
<td>HON</td>
<td>H193</td>
<td>Freshman Colloquium: Cross Cultural Awareness (3)</td>
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<tr>
<td></td>
<td>H209</td>
<td>Border Crossings (1-3) [must take a total of 3 credit hours over 2 semesters]</td>
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<td>MUSIC</td>
<td>H210</td>
<td>Music Appreciation: Music in the Western World (3)</td>
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<td>PO SC</td>
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<td>Introduction to International Relations (3)</td>
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<td>REL</td>
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<td>World Religions (3)</td>
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**Group VI Science and Technology in Society**

<table>
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<tr>
<th>HON</th>
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<th>Freshman Colloquium: Science and Technology in Society (3)</th>
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<tr>
<td></td>
<td>H201</td>
<td>Structures and Society (3)</td>
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<td>H206</td>
<td>Controversies in Science and Technology (3)</td>
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<td>HIST</td>
<td>H122</td>
<td>History, Technology and Society (3)</td>
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<td>H124</td>
<td>Environmental History (3)</td>
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**Group VII Other**

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<tr>
<th>ACCT</th>
<th>H201</th>
<th>Financial Accounting Concepts (3)</th>
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<td>H202</td>
<td>Managerial Accounting Concepts (3)</td>
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<td>HON</td>
<td>H207</td>
<td>Critical Inquiry and Problem Solving (3)</td>
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<td>GC</td>
<td>H104, H207</td>
<td>Graphic Communications I, II (4, 3)</td>
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<td>H215</td>
<td>Photographic and Digital Imaging Techniques (3)</td>
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<td>MGT</td>
<td>H201</td>
<td>Principles of Management (3)</td>
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<td>MKT</td>
<td>H301</td>
<td>Principles of Marketing (3)</td>
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<td>PRTM</td>
<td>H201</td>
<td>The Recreation/Leisure Environment (3)</td>
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<td></td>
<td>H270</td>
<td>Introduction to Recreation Resources Management (3)</td>
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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 GPR 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 may not also count for General Honors requirements.

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:

AGRIC H491 Senior Honors Research (3)
AGRIC H492 Senior Honors Research (3)

The additional six semester hours may be taken in any 300- or 400-level agriculture honors courses (see following list) or other life science honors courses approved by your academic advisor.

AGRIC H315 Environment and Agriculture (3)
AP EC H309 Economics of Agricultural Marketing (3)
AP EC H452 Agricultural Policy (3)
AP EC H456 Prices (3)
AVS H370 Principles of Animal Nutrition (3)
AVS H375 Applied Animal Nutrition (3)
AVS H401 Beef Production (4)
AVS H412 Advanced Equine Management (4)
AVS H414 Basic Immunology (4)
AVS H453 Animal Reproduction (3)
AVS H470 Animal Genetics (3)
CSENV H423 Field Crop - Forages (3)
ENT H400 Insect Morphology (4)
ENT H404 Urban Entomology (3)
ENT H469 Aquatic Insects (3)
ENTOX H421 Chemical Sources & Fate in Environmental Systems (3)
EX ST  H301  Introductory Statistics (3)
FD SC  H401  Food Chemistry I (4)
        H402  Food Chemistry II (4)
        H420  Special Topics in Food Science (1-3)
        H421  Special Problems in Food Science (1-4)
GEN   H302  Molecular and General Genetics (3)
        H410  Fundamentals of Genetics I (3)
        H420  Fundamentals of Genetics II (3)
        H440  Bioinformatics (3)
        H450  Comparative Genetics (3)
HORT  H461  Problems in Landscape Design (4)
NUTR  H401  Fundamentals of Nutrition (3)
        H425  Medical Nutrition Therapy II (4)
        H451  Human Nutrition (3)
PKGSC H368  Packaging and Society (3)
        H404  Mechanical Properties of Packages & Principles of Protective Packaging (3)
        H464  Food and Health Care Packaging Systems (4)
PL PA  H302  Plant Pathology Research (1-3)
W F B  H412  Wildlife Management (3)
        H462  Wetland Wildlife Biology (3)
        H469  Aquatic Insects (3)

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

BIOCH  H491  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 BIOCH Honors courses:

BIOCH  H301  Molecular Biochemistry (3)
        H431  Physical Approach to Biochemistry (3)
        H432  Biochemistry of Metabolism (3)
        H436  Molecular Biology: Genes to Proteins (3)

The BIOCH H491 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 BIOCH H491 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 GPR of 3.30 or better in all required Biochemistry courses, and an overall GPR of 3.40 in all courses.

These eleven credit hours will substitute for the regular degree requirements of BIOCH 491 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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOSC H491</td>
<td>Undergraduate Research in Biological Sciences (2-4) at least four hours, taken under a single research advisor over two semesters</td>
</tr>
</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>
</tr>
</thead>
<tbody>
<tr>
<td>BIOSC H302</td>
<td>Invertebrate Biology (3)</td>
</tr>
<tr>
<td>BIOSC H303</td>
<td>Vertebrate Biology (3)</td>
</tr>
<tr>
<td>BIOSC H304</td>
<td>Biology of Plants (3)</td>
</tr>
<tr>
<td>BIOSC H400</td>
<td>Insect Morphology (4)</td>
</tr>
<tr>
<td>BIOSC H401</td>
<td>Plant Physiology (3)</td>
</tr>
<tr>
<td>BIOSC H406</td>
<td>Introductory Plant Taxonomy (3)</td>
</tr>
<tr>
<td>BIOSC H408</td>
<td>Comparative Vertebrate Morphology (3)</td>
</tr>
<tr>
<td>BIOSC H409</td>
<td>Comparative Vertebrate Morphology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H411</td>
<td>Limnological Analyses (2)</td>
</tr>
<tr>
<td>BIOSC H414</td>
<td>Basic Immunology (4)</td>
</tr>
<tr>
<td>BIOSC H420</td>
<td>Neurobiology (3)</td>
</tr>
<tr>
<td>BIOSC H432</td>
<td>Animal Histology (3)</td>
</tr>
<tr>
<td>BIOSC H433</td>
<td>Animal Histology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H440</td>
<td>Developmental Animal Biology (3)</td>
</tr>
<tr>
<td>BIOSC H441</td>
<td>Ecology (3)</td>
</tr>
<tr>
<td>BIOSC H442</td>
<td>Biogeography (3)</td>
</tr>
<tr>
<td>BIOSC H445</td>
<td>Ecology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H446</td>
<td>Plant Ecology (3)</td>
</tr>
<tr>
<td>BIOSC H447</td>
<td>Plant Ecology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H450</td>
<td>Developmental Biology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H456</td>
<td>Medical and Veterinary Parasitology (3)</td>
</tr>
<tr>
<td>BIOSC H457</td>
<td>Medical and Veterinary Parasitology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H458</td>
<td>Cell Physiology (3)</td>
</tr>
<tr>
<td>BIOSC H459</td>
<td>Systems Physiology (3)</td>
</tr>
<tr>
<td>BIOSC H461</td>
<td>Cell Biology (3)</td>
</tr>
<tr>
<td>BIOSC H470</td>
<td>Behavior Ecology (3)</td>
</tr>
<tr>
<td>BIOSC H475</td>
<td>Comparative Physiology (3)</td>
</tr>
<tr>
<td>BIOSC H476</td>
<td>Comparative Physiology Laboratory (2)</td>
</tr>
<tr>
<td>BIOSC H484</td>
<td>Human and Comparative Vertebrate Embryology (3)</td>
</tr>
<tr>
<td>GEN H302</td>
<td>Molecular and General Genetics (3)</td>
</tr>
<tr>
<td>GEN H410</td>
<td>Fundamentals of Genetics I (3)</td>
</tr>
<tr>
<td>GEN H420</td>
<td>Fundamentals of Genetics II (3)</td>
</tr>
<tr>
<td>GEN H440</td>
<td>Bioinformatics (3)</td>
</tr>
<tr>
<td>GEN H450</td>
<td>Comparative Genetics (3)</td>
</tr>
<tr>
<td>GEN H493</td>
<td>Senior Seminar (2)</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 BIOSC H491 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:
AGRIC H491 Senior Honors Research (3)
H492 Senior Honors Research (3)
-or-
BIOSC H491 Undergraduate Research in Biological Sciences (2-4) at least six (6) hours, taken under a single research advisor over two semesters
-or-
FNR H491 Senior Honors Thesis I (3)
H492 Senior Honors Thesis II (3)
-and-
Six (6) hours of honors credit taken from the following courses, or other 300- or 400-level honors courses approved by your advisor:

AGRIC H315 Environment and Agriculture (3)
AP EC H309 Economics of Agricultural Marketing (3)
H452 Agricultural Policy (3)
H456 Prices (3)
BIOSC H302 Invertebrate Biology (3)
H303 Vertebrate Biology (3)
H304 Biology of Plants (3)
H400 Insect Morphology (4)
H401 Plant Physiology (3)
H406 Introductory Plant Taxonomy (3)
H408 Comparative Vertebrate Morphology (3)
H409 Comparative Vertebrate Morphology Laboratory (2)
H411 Limnological Analyses (2)
H414 Basic Immunology (4)
H420 Neurobiology (3)
H432 Animal Histology (3)
H433 Animal Histology Laboratory (2)
H440 Developmental Animal Biology (3)
H441 Ecology (3)
H442 Biogeography (3)
H445 Ecology Laboratory (2)
H446 Plant Ecology (3)
H447 Plant Ecology Laboratory (2)
H450 Developmental Biology Laboratory (2)
H456 Medical and Veterinary Parasitology (3)
H457 Medical and Veterinary Parasitology Laboratory (2)
H458 Cell Physiology (3)
H459 Systems Physiology (3)
H461 Cell Biology (3)
H470 Behavior Ecology (3)
H475 Comparative Physiology (3)
H476 Comparative Physiology Laboratory (2)
H484 Human and Comparative Vertebrate Embryology (3)
ENT H400 Insect Morphology (4)
H404 Urban Entomology (3)
H469 Aquatic Insects (3)
<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOX</td>
<td>Chemical Sources &amp; Fate in Environmental Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>EX ST</td>
<td>Introductory Statistics</td>
<td>(3)</td>
</tr>
<tr>
<td>GEN</td>
<td>Molecular and General Genetics</td>
<td>(3)</td>
</tr>
<tr>
<td>H410</td>
<td>Fundamentals of Genetics I</td>
<td>(3)</td>
</tr>
<tr>
<td>H420</td>
<td>Fundamentals of Genetics II</td>
<td>(3)</td>
</tr>
<tr>
<td>H440</td>
<td>Bioinformatics</td>
<td>(3)</td>
</tr>
<tr>
<td>H450</td>
<td>Comparative Genetics</td>
<td>(3)</td>
</tr>
<tr>
<td>HORT</td>
<td>Problems in Landscape Design</td>
<td>(4)</td>
</tr>
<tr>
<td>W FB</td>
<td>Wildlife Management</td>
<td>(3)</td>
</tr>
<tr>
<td>H462</td>
<td>Wetland Wildlife Biology</td>
<td>(3)</td>
</tr>
<tr>
<td>H469</td>
<td>Aquatic Insects</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Forest Resource Management**

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

- FNR H491 Senior Honors Thesis I (3)
- FNR H492 Senior Honors Thesis II (3)

And two (2) additional honors seminars, 1 credit hour each taken with an affiliated 400-level course, from the following:

- FOR H426 Forest Resource Management Plans Seminar (1) (taken with FOR 425)
- FOR H461 Silviculture Honors Seminar I (1) (taken with FOR 460)
- FOR H463 Silviculture Honors Seminar II (1) (taken with FOR 462)

**Genetics**

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

- GEN H491 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 H302 Molecular and General Genetics (3)
- H410 Fundamentals of Genetics I (3)
- H420 Fundamentals of Genetics II (3)
- H440 Bioinformatics (3)
- H450 Comparative Genetics (3)

The GEN H491 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 H491 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 GPR of 3.30 or better in all required Genetics courses, and an overall GPR of 3.40 in all courses.
These eleven credit hours will substitute for the regular degree requirements of the GEN 491 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**

Departmental Honors in Microbiology requires the following sequence of courses totaling 12-14 credit hours:

MICRO H491 Undergraduate Research in Microbiology (3) for a total of 6 credit hours taken over two semesters under a single research advisor

-and-

Two (2) honors courses selected from the following:

MICRO H400 Public Health Microbiology (3)
H401 Microbial Diversity and Ecology (4)
H407 Food and Dairy Microbiology (4)
H410 Soil Microbiology (3)
H411 Pathogenic Bacteriology (4)
H412 Bacterial Physiology (4)
H413 Industrial Microbiology (3)
H414 Basic Immunology (4)
H415 Microbial Genetics (4)
H416 Introductory Virology (3)
H417 Molecular Mechanisms of Carcinogenesis and Aging (3)

To qualify for Departmental Honors you must earn a grade of A or B in MICRO 305 (General Microbiology).

The goal of MICRO H491, 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 MICRO H491.
College of Architecture, Arts and Humanities

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A A H</td>
<td>H330 Honors Colloquium</td>
<td>(3)</td>
</tr>
<tr>
<td>ARCH</td>
<td>H490 Directed Studies</td>
<td>(1-5)</td>
</tr>
</tbody>
</table>

A A H H330 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 A A H H330, honors students must formulate and complete a senior honors design project by enrolling in ARCH H490. During their final semester honors students will take ARCH H490 in conjunction with DSIGN 452 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:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM</td>
<td>H496 Honors Creative Inquiry Capstone</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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 306, 310 or 311. 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 H496, Honors Creative Inquiry Capstone, for 3 credits and undertake the first stages of their thesis.

During the eighth semester, students enroll in COMM H496, 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 H496 courses.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL</td>
<td>H438 Departmental Honors Research</td>
<td>(3)</td>
</tr>
<tr>
<td></td>
<td>H439 Departmental Honors Project</td>
<td>(3)</td>
</tr>
</tbody>
</table>

To earn Departmental Honors in English you must achieve a cumulative GPR of 3.40 or better in English courses and complete an honors project. The honors project normally is a thesis but it may 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 semesters, beginning in your sixth semester.
Early in your fifth semester you will consult with the chair of the English Department Honors Committee as to the kind of project you might undertake. The chair can also suggest English faculty who might serve as advisor for your project. Then, no later than the first day of the registration period of your fifth semester, you must submit to the chair of English Department Honors Committee a brief prospectus of your project for review by the Committee and your advisor. Your project will also have its own advisory committee, composed of a member of the Honors Committee, your advisor, and a third faculty member.

In English H438 you will be researching and developing your project, while the bulk of the drafting and revising will be done in English H439. Normally your project will run to 30-40 pages in length. To earn Departmental Honors you must publicly defend the completed project and receive a grade of A in ENGL H439.

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST H497</td>
<td>Senior Honors Research</td>
<td>(3)</td>
</tr>
<tr>
<td>H498</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 GPR of 3.40 or higher; 2) have completed at least one 400-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 H497, 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 H498 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 Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LARCH H491</td>
<td>Honors Research Methods for Landscape Architecture (1-3)</td>
<td></td>
</tr>
<tr>
<td>H494</td>
<td>Landscape Architecture Honors Research (2-3)</td>
<td></td>
</tr>
<tr>
<td>H495</td>
<td>Landscape Architecture Honors Thesis (2-3)</td>
<td></td>
</tr>
</tbody>
</table>

The Departmental Honors program in Landscape Architecture consists of a three-course sequence culminating in an honors thesis. In LARCH H491 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 LARCH H494, the student researches the selected and approved project under the weekly supervision of a faculty mentor. The sequence concludes with LARCH H495 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 H438 French Honors Research (3)
- H439 French Honors Thesis (3)

Two of the following independent study courses:
- FR H391 Survey of French Literature (1), taken with FR 300
- H491 Modern French Literature (1), taken with FR 400
- H492 The French Corporation (1), taken with FR 417

**Spanish**
- SPAN H438 Spanish Honors Research (3)
- H439 Spanish Honors Thesis (3)

Two of the following independent study courses:
- SPAN H391 Honors Intro to Hispanic Literary Forms (1), taken with SPAN 301
- H392 Survey of Spanish Literature (1), taken with SPAN 313
- H393 Hispanic World: Latin America (1), taken with SPAN 308
- H491 Hispanic Narrative Fiction (1), taken with SPAN 406
- H492 Contemporary Latin American Novel (1), taken with SPAN 422

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 H438-439 or SPAN H438-439, 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 H438. In H439 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:

P A H491 Performing Arts Honors Research (3)
    H492 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 GPR of 3.40 or higher
2. Complete the two semester honors project
3. Receive a grade of A in PA H492. 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 H491 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 H492, 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:

PHIL H497 Philosophy Honors Research (3)
    H498 Philosophy Honors Thesis (3)

Or

REL H497 Religion Honors Research (3)
    H498 Religion Honors Thesis (3)

To be eligible for the Departmental Honors program in Philosophy and Religion you must: 1) be an honors student with a cumulative GPR 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) 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 H497) 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 H498) 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 H498 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON H491</td>
<td>Senior Honors Thesis Research</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON H492</td>
<td>Senior Honors Thesis Writing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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 H390, 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 H491 and ECON H492 are taken, the student will make frequent progress reports to the thesis advisor. Before the end of ECON H492, 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON H390</td>
<td>Junior Honors Research (1) in conjunction with any three-credit economics course, selected from the following: ECON 314, ECON 315, ECON 319, or any 400-level economics course</td>
<td></td>
</tr>
<tr>
<td>ECON H314</td>
<td>Intermediate Microeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>ECON H315</td>
<td>Intermediate Macroeconomics</td>
<td>(3)</td>
</tr>
</tbody>
</table>
International Business

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

BUS  
H291 Honors Seminar in International Business 1(1)  
H391 International Business Honors Thesis Research 1(1)  
H392 International Business Honors Thesis Proposal 1(1)  
H491 International Business Honors Thesis I 3(3)  
H492 International Business Honors Thesis II 3(3)

The additional three semester hours may be taken in any 300- or 400-level business course (see following list).

ACCT  
H303 Cost Accounting (3)  
H311 Intermediate Financial Accounting I (3)  
H312 Intermediate Financial Accounting II (3)  
H313 Intermediate Financial Accounting III (3)  
H404 Individual Taxation (3)

ECON  
H314 Intermediate Microeconomics (3)  
H315 Intermediate Macroeconomics (3)  
H350 Moral and Ethical Economics (3)  
H426 Seminar in Sports Economics (3)  
H498 Selected Topics in Economics (3)

FIN  
H311 Financial Management I (3)  
H312 Financial Management II (3)  
H402 Advanced Corporate Finance (3)  
H404 Financial Modeling (3)  
H405 Portfolio Management (3)  
H406 Analysis and Use of Derivatives (3)  
H410 Research in Finance (1-3)

MGT  
H307 Human Resource Management (3)  
H310 Intermediate Business Statistics (3)  
H312 Decision Models for Management (3)  
H402 Operations Planning and Control (3)  
H415 Business Strategy (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 H491 and 492) 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 H391 and H392. Prior to their study abroad students are required to take BUS H291. 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 H390** Junior Honors Research (1) in conjunction with any three-credit Marketing courses other than Marketing H301, MKT 301 and MKT 431.
- **H490** Senior Honors Thesis Research (3)
- **H491** 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 H390, 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 H490 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 H490 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 H491 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 H491 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:

- **PO SC H395** Junior Honors Research Seminar (1)
- **H396** Junior Honors Research (1)
- **H490** Senior Honors Thesis Research (3)
- **H491** Senior Honors Thesis (3)
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 PO SC H395 and PO SC H396. In PO SC H395, 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 PO SC H396. This project will comprise a substantial research paper, written in conjunction with any approved three-credit 300- or 400-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 PO SC H490 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 PO SC H491 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 three honors courses taught in a foreign language (French or Spanish):

PO SC H361 International Politics in Crisis (3)
PO SC H375 European Integration (3)

**Psychology**

Departmental Honors in Psychology requires the following sequence of courses totaling 6-8 credit hours:

PSYCH H490 Senior Division Honors Research (2-4)
PSYCH H491 Senior Division Honors Research II (2-4)

A cumulative GPR 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 PSYCH H490 and PSYCH H491 is required, with variable credit hours per semester allowed.

The department recommends that you take PSYCH H490 the second semester of your junior year and PSYCH H491 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 PSYCH H490 you are encouraged to participate in the PSYCH 499 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:

PSYCH H340 Life-span Developmental Psychology (3)
H352 Social Psychology (3)
H383 Abnormal Psychology (3)
H385 The Social Construction of Madness (3)
H390 Honors Seminar in Psychology (3)
H422 Sensation and Perception (3)
H497 Directed Studies in Psychology (1-4)
H498 Team Based Research (1-4)

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

SOC
H303 Methods of Social Research I (4)
H310 Marriage and Intimacy (3)
H394 Sociology of Mental Illness (3)
H408 Honors Thesis Research I (3)
H409 Honors Thesis Research II (3)

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 H408 work usually consists of a detailed outline proposal, an annotated bibliography, and other evidence of substantial work toward completion of the thesis. SOC H409 will involve the actual writing, and where necessary, revision of the thesis for presentation. A minimum GPR 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
H303 Cost Accounting (3)
H311 Intermediate Financial Accounting I (3)
H312 Intermediate Financial Accounting II (3)
H313 Intermediate Financial Accounting III (3)
H404 Individual Taxation (3)

In lieu of no more than one of the above courses, the student may take one 300- or 400-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
H311 Financial Management I (3)
H312 Financial Management II (3)
H402 Advanced Corporate Finance (3)
H404 Financial Modeling (3)
Financial Services sequence:
FIN  H311  Financial Management I (3)
    H312  Financial Management II (3)
    H405  Portfolio Management (3)
    H406  Analysis and Use of Derivatives (3)

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

In FIN H402 and H404, 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 H405 and H406, students work on individualized projects related to practical applications in investments management.

In lieu of one of H311 or H312, a student may take FIN H410 for three hours (with the permission of the department chair) or a three hour 300- or 400-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.

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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>G C</td>
<td>H310 Applied Principles of Electronic Workflow (4)</td>
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<tr>
<td></td>
<td>H406 Package and Specialty Printing (4)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H440 Commercial Printing (5)</td>
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<td></td>
<td>H444 Current Developments &amp; Trends in Graphic Comm.</td>
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<td></td>
<td>H448 Planning and Controlling Printing Functions (3)</td>
<td></td>
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<tr>
<td></td>
<td>H451 Special Projects in Graphic Comm. (1-6)</td>
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</tbody>
</table>

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

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MGT</td>
<td>H307 Human Resource Management (3)</td>
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<td></td>
<td>H310 Intermediate Business Statistics (3)</td>
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<td>H312 Decision Models for Management (3)</td>
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<td>H402 Operations Planning and Control (3)</td>
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<td></td>
<td>H415 Business Strategy (3)</td>
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**College of Engineering and Science (Thesis Programs)**

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

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BIO E</td>
<td>H415/615 Research Principles and Concepts (1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H491 Mentored Research in Bioengineering (1-4)</td>
<td></td>
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</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. Bio E H415 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 H415 (615 if pursuing BS/MS degree) during their first semester of BioE H491.

In Bio E H491, students will perform a review of relevant peer-reviewed literature, conduct a mentored research project, and present their findings in a poster or oral presentation (final semester) during the department's research day near the end of each semester. During their final semester of BioE H491, 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 491 may be used to satisfy the BioE Technical Requirements within the Bioengineering curriculum.

**Note: Effective Summer 2010, BioE H491 will replace BioE H450. Existing credits in BioE H450 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:

B E   H300  Biosystems Engineering Honors Seminar (0)
      H301  Biosystems Engineering Thesis Research (3)
      H400  Biosystems Engineering Honors Thesis (3)
      H451  Newman Seminar & Lecture Series in Natural Resources Engineering (1)

To be eligible for Departmental Honors in Biosystems Engineering you must have a minimum overall GPR of 3.5 and a written recommendation by two faculty members in the Biosystems Engineering (B E) 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 B E H300, 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 B E H301. In the first semester of your senior year, you will enroll in B E H400 and take B E H451 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:

CH E   H300  Honors Seminar (1)
      H395  Honors Research I (3)
      H495  Honors Research II (3)
H497  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 CH E H300. To earn this pass/fail credit honors students attend the department's CH E 895 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 CH E H395 and CH E H495. In these lab courses the students conduct research, write progress reports, and review their results periodically with their faculty advisor. In CH E H495 each student presents a seminar before the faculty, graduate students and other honors students taking CH E H300. In the last semester of the senior year the student registers for CH E H497 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  H443  Research Problems (3)
H444  Research Problems (3)

The additional six semester hours must be taken from the following list.

CH  H332  Physical Chemistry (3)
    H402  Inorganic Chemistry (3)
    H404  Bioinorganic Chemistry (3)
    H413  Chemistry of Aqueous Systems (3)
    H421  Advanced Organic Chemistry (3)
    H427  Organic Spectroscopy (3)
    H435  Atomic and Molecular Structure (3)

Departmental Honors in Chemistry requires a two-semester sequence of research and a senior honors thesis while registered in CH H443/H444. 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 H443 and a full research paper at the end of CH H444. 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:

C E  H388  Honors Research Topics (1)
    H389  Honors Research Skills (1)
    H488  Honors Research I (2-3)
    H489  Honors Research II (3)

Honors students in the Civil Engineering Departmental Honors program generally take C E H388 and C E H389 in the junior year. These courses are designed to prepare students for the senior-year thesis, which consists of C E H488 and C E H489. 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 Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CEH388</td>
<td>Honors Research Topics</td>
<td>(1)</td>
</tr>
<tr>
<td>CEH389</td>
<td>Honors Research Skills</td>
<td>(1)</td>
</tr>
<tr>
<td>CEH488</td>
<td>Honors Research I (2-3)</td>
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</tr>
<tr>
<td>CEH489</td>
<td>Honors Research II (3)</td>
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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.

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CEH387</td>
<td>Junior Honors Project</td>
<td>(1-3)</td>
</tr>
<tr>
<td>CEH487</td>
<td>Senior Honors Project</td>
<td>(1-3)</td>
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</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>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CPSC H395</td>
<td>Honors Seminar</td>
<td>(1)</td>
</tr>
<tr>
<td>CPSC H495</td>
<td>Senior Honors Research</td>
<td>(1-3)</td>
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</table>

The Departmental Honors program in Computer Science consists of a junior-year honors seminar and a senior honors thesis. In each semester of the junior year honors students must take CP SC H395, 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 CP SC H395 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 CP SC H495 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.

CP SC H395 credits may be substituted for CP SC 491 or used as elective hours. The six credits of CP SC H495 may be counted as 400-level computer science requirements for the B.A. or B.S. degree.

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</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE H300</td>
<td>Junior Honors Seminar</td>
<td>1</td>
</tr>
<tr>
<td>ECE H330</td>
<td>Signals, Systems, and Transforms</td>
<td>3</td>
</tr>
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</table>

Four additional credits:

- ECE H491 Undergraduate Honors Research for a total of four credit hours over a period of two semesters (1-6)

Or a combination of the following (4 credits):

- ECE H299 Creative Inquiry in Electrical and Computer Engineering (1-4) up to 1 credit
- ECE H399 Creative Inquiry in Electrical and Computer Engineering (1-4) up to 1 credit
- ECE H499 Creative Inquiry in Electrical and Computer Engineering (1-4) 2-4 credits

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 H330 and ECE H300 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 H491 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 H299 (up to 1 credit) ECE H399 (up to 1 credit); and ECE H499 (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 H499 and ECE H491 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:
GEOL H411 Research Problems for a total of six credit hours taken under a single research advisor over a period of two semesters (1-3)

Two courses selected from the following:

GEOL H300 Environmental Geology (3)
H302 Structural Geology (4)
H314 Sedimentary Petrology (3)
H316 Igneous and Metamorphic Petrology (3)
H375 Bahamian Field Study (3)
H408 Geohydrology (3)

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

IE H268 Creative Inquiry Seminar in Industrial Engineering (1)
H400 Honors Thesis (1-6) for a total of six credit hours over a period of two or more semesters

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 H268, a course in which honors students become familiar with current research in industrial engineering and begin groundwork for their own research; IE H268 is one credit hour. As the work progresses, students enroll in IE H400. IE H400 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 H400 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 H400, 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 H400, requirements for IE 600 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 600 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:

MS&E H300 Honors Seminar (1)
H395 Honors Research I (3) *see below for acceptable substitute
H495 Honors Research II (3)
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 MS&E H300, which is offered pass/fail.

In MS&E H300, 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 MS&E H300 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 MS&E H395 and MS&E H495. With the approval of the department's Honors Program Committee, *students participating in the Cooperative Education Program may substitute three hours of MS&E H406 (Summer Honors Project) earned over the course of a summer (two hours for one session, and one hour for the other) for MS&E H395.

During the spring semester of the senior year, the honors student will enroll in MS&E H497 and write a thesis based on the research done in MS&E H395 and MS&E H495.

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:

- MTHSC H382 Honors Seminar (1) for a total of two credit hours over a period of two semesters
- H482 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 MTHSC H382, taken in both semesters of the junior year, and six credits of MTHSC H482 in the senior year. MTHSC H382 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 MTHSC H382 the student is expected to have identified a research topic and an advisor.

In MTHSC H482, 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 H300 Junior Honors Seminar (0) taken both semesters of your junior year
H415  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 M E H300 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 M E H415. The six credits of M E H415 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS H300</td>
<td>Introduction to Research</td>
<td>1</td>
</tr>
<tr>
<td>PHYS H401</td>
<td>Senior Thesis</td>
<td>1-3 for a total of four to six credit hours over a period of two semesters</td>
</tr>
</tbody>
</table>

In addition, you must take at least six credits of 300-400-level honors courses from the following list:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS H321</td>
<td>Mechanics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H322</td>
<td>Mechanics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H325</td>
<td>Experimental Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H326</td>
<td>Experimental Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H355</td>
<td>Modern Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H417</td>
<td>Introduction to Biophysics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H432</td>
<td>Optics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H441</td>
<td>Electromagnetics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H442</td>
<td>Electromagnetics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H446</td>
<td>Solid State Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H452</td>
<td>Nuclear and Particle Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H455</td>
<td>Quantum Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H456</td>
<td>Quantum Physics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS H465</td>
<td>Thermodynamics and Statistical Mechanics</td>
<td>3</td>
</tr>
</tbody>
</table>

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 H300, 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 H401. 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 H499**  
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 H499, to be taken for a minimum of 2 semesters, for a minimum of 6 total hours. Typically ED H499 will be taken both semesters of the junior year, from the same professor, for 3 credits each semester.

ED H499 has the prerequisite of EDF H302 (to be taken in the spring of the sophomore year), and the pre- or co-requisite of EDF H301. In EDF H302 the honor students will learn basic quantitative research skills and will be introduced to potential faculty mentors for ED H499. In EDF H301 the honor students will learn about basic literature review and qualitative research. The instructor of record for ED H499 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:

**NURS**  
H328  Honors Seminar I (2)  
H330  Research in Nursing (3)  
H420  Honors Seminar II (2)  
H428  Honors Seminar III (2)

Students work with an honors mentor to develop and implement an honors project. In NURS H328, students identify an area of interest, identify team members for their project, and contact a faculty mentor. In NURS H330, students review the literature about their topic and begin to develop their proposals. In NURS H428, students finalize their proposal and submit for funding, then in NURS H428, 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:

- **HLTH H395** Honors Research Seminar (3)
- **H495** Honors Thesis Seminar (3)
- **H496** Honors Research Colloquium (1)

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 H395, 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 H495 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 496, 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 H399** Introduction to Field Training and Research (1)
- **H408** Honors Internship (6)
- **H499** 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 H399** Introduction to Field Training and Research (1)
- **H409** Methods of Recreation Research I (3)
- **H410** Methods of Recreation Research II (3)
- **H499** 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 H408, H409, and H410. In PRTM H399 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 H399 students will take PRTM H408 or the sequence of PRTM H409 and H410. PRTM H408 is a graded course and will replace PRTM 405 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 H409 the student will study various approaches to research and develop a research project in conjunction with the faculty member who will supervise PRTM H410. In PRTM H410 the student will conduct the proposed research project. In PRTM H499 the student will complete a written summary of the projects conducted in PRTM H408 or PRTM 410 and prepare and present an oral summary of the project. The oral presentation will be made in PRTM 910 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:* For completing the requirements for Departmental Honors, you will receive a certificate of completion and 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 achievement.

*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 GPR 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 GPR 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 GPR 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 computer or touch-tone telephone for their next semester’s courses. 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**
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.

**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.
**Honors Research Forum**
Calhoun Honors College and Undergraduate Studies jointly sponsor a research forum every April. Honors students who are in the second semester of their departmental honors research/thesis sequence are encouraged to participate. Awards are given to first place winners in each college.

**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.

**Study Abroad Programs**
In collaboration with ICHEC (“Institute Catholique des Hautes Etudes Commerciales”) the Honors College offers a five-week, six credit (two courses) program of study in Brussels, Belgium through the new Clemson University Brussels Center (CUBC). These courses are for honors credit; one being CHS H202 for Social Science credit, the other CHS H203 for Arts and Humanities Non-Literature credit (both, potentially for Cross Cultural Awareness credit).

Also in collaboration with ICHEC, The Honors College offers a summer program in India where students help build houses and participate in other community projects.

**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.