

CLEMSON UNIVERSITY HONORS COLLEGE

CLEMSON UNIVERSITY

**Student Handbook – 2025-2026**

PREFACE

The purpose of this handbook is to provide Honors students with detailed information about the policies and requirements of the Honors College. Students should follow the Honors College Student Handbook that corresponds to their academic catalog year as recorded by the university.

Using various means of communication, the Honors College will inform you of policies, procedures, and relevant events. It is your responsibility to understand all policies, procedures, and program requirements. Honors- specific questions should be directed to your Honors advisor, who will provide information and resources and make referrals as needed. The Honors College is not responsible for information not provided through channels outside of the Honors College.

If you have questions or need additional information, please contact the Honors Office (located in 180 Cribb Hall) on weekdays (excluding University holidays) between 8:00 a.m. and 4:30 p.m. You can reach us at 864-656-4762 or [cuhonors-l@clemson.edu](mailto:cuhonors-l@clemson.edu).

## THE HONORS COLLEGE MISSION

The Honors College strives to enrich the educational experience of highly motivated, academically talented students by providing opportunities for academic exploration 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 Honors College. Requirements for earning the graduation distinctions of General Honors, Departmental Honors, and Interdisciplinary 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 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. To graduate with an Honors distinction students must complete the Departmental or Interdisciplinary Honors requirements and/or General Honors requirements.

### ***Registering for Honors Courses***

For Honors students in good standing, priority access to the registration system is based on a student's total number of earned credit hours plus the number of in-progress hours. A key 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 course(es) during priority registration and should have at least one Honors course on their schedule by the last day to add a class for the semester. Any Honors student who does not have at least one Honors course on their schedule by the last day to add a class for the semester must have completed and received approval for an exemption. Please visit the [Honors Advising](#) website to request an exemption through the online form. An Honors course exemption is typically only granted under certain circumstances, such as participating in a co-op assignment, study abroad, internship, or student teaching placement during that semester. Exemptions are also approved for seniors who have already completed their Honors requirements and are graduating that semester. Please direct any questions regarding an Honors exemption to your Honors advisor.

### ***Dropping and Adding Honors Courses***

Policies and information regarding adding and dropping courses are available in the Undergraduate Announcements. Policies regarding adding and dropping Honors courses are consistent with university regulations. Please refer to the Undergraduate Announcements for add/drop policies and to the academic calendar for specific deadlines/dates for dropping and adding courses.

Honors students should keep in mind that the consequences of dropping Honors courses are more serious since Honors College members are required to take and complete at least one Honors course each semester. If an Honors student withdraws from an Honors course, including their only Honors course in a semester, they will still need to obtain the minimum number of Honors credit hours required for Honors distinction they are seeking by the time of graduation. If an Honors student withdraws from their only Honors course after the last day to add a class in a semester, fees associated with membership in the Honors College will not be refunded. Please note: withdrawing from an Honors course after the last day to add a class for the semester course may mean that you will be unable to replace this course in your schedule with the regular, non-Honors section of the course (if applicable) or with any

other course. In the specific case where a student wishes to drop the Honors section of a course and enroll in a concurrent non-Honors section, the student should work with the instructor and/or department offering the course.

### ***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/no pass). If you receive a grade of C or D in an Honors course, you may earn credit toward university degree requirements, but not for Honors requirements (see sections on General Honors and Departmental Honors).

### ***Identifying Honors Courses***

Honors courses are indicated by having “HON” or “Honors” in the title of the course as listed in iROAR.

Courses that are approved to be offered as Honors courses in the online *Undergraduate Catalog* list “Includes Honors sections” as part of the course description located within the *Courses of Instruction* section. Please note that this does not guarantee that an Honors section of the course will be offered every semester. Please view iROAR prior to registration to identify Honors courses. 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 Clemson University Honors College Committee or an Honors contract

has been approved for the course. Additional information about Honors contracts is provided below.

### ***Honors Credit for Graduate Courses***

With the approval of the appropriate departmental undergraduate and graduate coordinators, 6000- and/or 8000-level courses may be substituted for Honors courses. A letter grade of “A” or “B” must be earned for students to apply 6000/8000-level credit toward the satisfaction of an Honors distinction.

### ***Advanced Placement, International Baccalaureate, & Cambridge International Credits***

Credits earned through the College Board's Advanced Placement (AP) Program, the International Baccalaureate (IB) Diploma Programme, or the Cambridge International Level Program do not receive Honors credit.

### ***Grading Policies***

Grades in Honors courses carry the same number of grade points as grades earned in non-Honors courses. Grading policies for Honors students should be clearly stated in the course syllabus.

### ***Honors Contracts***

On a limited basis and not more than a total of two times during a student's undergraduate career, students may earn Honors credit for a 3000- or 4000-level course by means of an Honors Contract (in exceptional cases contracts for 1000- and 2000-level classes may be approved by the Honors College). 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. Honors contract policies and procedures can be found on the [Honors Courses and Seminars](#) website. In unique and/or extenuating circumstances, an additional Honors Contract may be approved. Students seeking an additional Honors Contract beyond the two Honors Contract limit should contact their Honors Advisor to discuss and seek approval.

### **CUMULATIVE GPA REQUIREMENTS**

#### ***Minimum Grade Point Average***

Members of the Honors College must maintain a cumulative GPA of 3.40 or higher to remain in good standing. Should your cumulative GPA fall between a 2.80 and a 3.40, you will be placed on Honors probation. Please review the following probation policies:

### ***Honors Probation Policy***

Students whose cumulative GPA drops below a cumulative 2.80 at any point will have their membership in the Honors College revoked. Students whose cumulative GPA drops below a 3.40 at the end of a term (i.e., between 2.80 and 3.40 GPA) will be placed on **Honors Probation**. Students on Honors probation will have two semesters to raise their cumulative GPA to a 3.40 or higher. Students whose cumulative GPA remains below a 3.40 for three consecutive semesters will have their Honors College membership revoked.

Please note that some Honors programming and enhancements, including (but not limited to) grants and study-travel experiences, require a minimum GPA of 3.50 at the time of application.

### ***Probation Policy for First-Year Students:***

First-year students who complete their first semester with a cumulative GPA below a 2.80 will be placed on **Early Probation**. They will remain in the Honors College and continue in Honors housing (if applicable), with the chance to bring their GPA to at least a 2.80 or above by the end of the second semester. Students whose GPA remains below 2.80 after their second semester will have their membership in the Honors College revoked\*. Students who bring their GPA to at least a 2.80 but below a 3.40 will remain in the Honors College and be placed on **Honors Probation**. If, after that semester, their GPA is not at or above a 3.40 their membership in the Honors College will be revoked. \*

\* Students who begin in the Honors College and whose membership is revoked due to a GPA below 2.80 will have the opportunity to have their membership reinstated if/when (a) they raise their cumulative GPA to a 3.40 or higher and (b) they meet with an Honors College advisor to ensure that they still have enough remaining semesters to earn an Honors distinction (i.e., General, Departmental, or Interdisciplinary Honors).

### ***Reinstatement of Membership***

Request for reinstatement must be made via the Honors Reinstatement Form located on the [Honors Advising](#) website and will be granted if the student has achieved the requisite cumulative 3.40 GPA and will be enrolled on campus for enough semesters to complete an Honors distinction.

### ***Honors Success Coach***

The Honors College seeks to support and promote academic success for Honors students and encourages students facing academic difficulty to reach out to the Honors Success Coach who will provide academic resources and support, including goal setting. The contact information for the Honors Success Coach is provided on the [Honors Advising](#) webpage.

### ***Honors Awards and Recognitions***

Students successfully completing an Honors distinction will be recognized at a ceremony the day before graduation (or the day before the first graduation ceremony, if multiple ceremonies exist in a given semester). At that ceremony, students will be presented with an Honors certificate and the B.C. Inabinet Honors Medallion, which they are privileged to wear during the commencement exercises as a symbol of their outstanding achievements. An Honors student's diploma, permanent transcript, and the commencement program will indicate any Honors distinction achievements.

All Honors students planning to graduate with an Honors distinction **must** complete the Honors Distinction Verification Form in addition to the University Graduation Application. Information regarding the Honors Distinction Verification Form, including deadlines, is provided on the [Honors Graduation](#) website.

## MEMBERSHIP BENEFITS

In addition to the primary reward of a challenging and enriched program of study, the Honors College provides to its members a number of benefits.

### *Honors Housing*

On a *space-available basis*, Honors students may request to reside in the Honors Residential College, a coeducational facility that accommodates approximately 400 students located in Cribb and DesChamps Halls. Honors students wishing to reside in the Honors Residential College are advised that space is limited and housing assignment to the Honors Residential College is not guaranteed.

Entering first-year Honors students will be sent housing information from the University Housing Office. In accordance with timing established by Clemson Home, housing preference for incoming first-year students is based on the date of application submission for general undergraduate admission to Clemson University.

Only Honors students who are in good standing with the Honors College are eligible to live in the Honors Residential College. Students who lose good standing in the Honors College may forfeit their ability to live in Honors housing, subject to the conditions stated above.

### *Library Loan*

Members of the Honors College are allowed to check out certain library materials for an extended period of time. Under the university's library loan policy, Honors students are categorized with graduate students. Please view the [Clemson Libraries Borrowing Privileges](#) webpage for specific details.



## SPECIAL ACADEMIC PROGRAMS AND SERVICES

*Additional information on the opportunities listed below is available on the Honors College website.*

### **Grants**

#### ***Conference Travel Grants***

Conference Travel Grants (CTG) are intended to provide financial support to students in the Honors College planning to present papers or posters at conferences related to their academic interests. Students can apply for funding for conference registration fees, lodging, food, and transportation.

#### ***Educational Enrichment Grants***

Educational Enrichment Travel Grants (EETG) are designed to fund out of the classroom, life-changing summer experiential learning opportunities that take place away from Clemson and the Upstate of South Carolina. These experiences may be internships (unpaid), research, public service projects, or other significant undertakings that are consistent with a student's educational or career goals.

#### ***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, travel for research purposes, and other approved needs that are beyond the capacity of the student's department to provide. Guidelines and application materials are available on the Honors College website.

#### ***Summer Mini Grants***

The Clemson Honors College offers Educational Enrichment Mini-Grants for students to use for virtual/home-based experiences during Summer. These Honors grants can be used for stand-alone programs, virtual study abroad (not tuition), independent research, and academic and professional development.

## **Enrichment Opportunities**

### ***Brooks Center Performances***

Subject to available funds, a limited number of tickets are purchased for events at Clemson's Brooks Center for the Performing Arts. Honors students should visit the Honors Office to request and pick up Brooks Center event tickets.

### ***Dixon Fellows Program***

The Dixon Fellows program provides students with an opportunity to engage with a small number of other Honors students and one or more faculty/staff Senior Fellows over the course of a semester or academic year. These interactions are less formal than a traditional Honors course, and they occur outside the confines of a traditional class setting (participation in Dixon Fellows is not associated with course credit). Each group has a distinct theme and structure, but all are designed to help students explore a topic of interest and to build community within the Honors College. Admission to the program is open to all students regardless of the semester in which they entered Clemson, is selective, and requires a formal application. This special program is administered by the Honors College and is supported by the Joseph E. and Caroline G. Dixon Endowment.

### ***Dixon Global Policy Scholars***

The Dixon Global Policy Scholars (GPS) offers a challenging learning opportunity for students interested in enhancing their knowledge of the issues that shape the world. This program encourages applications from students who are interested in pursuing a major scholarship (such as the Rhodes, Truman, or Marshall). Admission to the program is open to first year and sophomore students, is highly selective, and requires a formal application

## **Professional Development, Advising, and Mentoring**

### ***Honors Specific Professional Development Support***

The Clemson Honors College offers several opportunities for students to build their careers and network with professionals through the academic year, including alumni speaker events, pre-law and pre-medical/health groups, professional workshops, and more. The Pre-Professional groups were created to help Honors students gain information and make connections in professional fields. Special programming and resources are provided throughout the academic year to the students involved in these groups.

### ***Honors Peer Mentoring Program***

The Honors Peer Mentoring Program is designed to support new Honors students in their transition to the University and Honors College through peer-to-peer connections. New students are paired with continuing Honors students who serve as a resource and provide guidance throughout the academic year. The Honors Peer Mentoring Program fosters community among Honors students and cultivates a sense of belonging. The Honors Peer Mentoring Program is open to new first-year students and continuing students who are new to the Honors College.

### ***Seniors Advising Sophomores in Honors***

Seniors Advising Sophomores in Honors (SASH) provides sophomore Honors students the opportunity to connect with and learn from senior Honors students. Senior Advisors assist sophomores with professional and personal goals that facilitate their intellectual, cultural, and community development within the Honors College. The SASH Program promotes a collaborative environment among Honors students to enhance educational experiences.

### ***Honors Wellness Ambassadors***

Wellness Ambassadors is a peer education program created to encourage Honors students to pursue and maintain healthy lifestyles. The Honors Wellness Ambassadors serve as peer mentors who help promote and maintain the wellness of Honors students. They develop wellness-related programs for the Honors College and build relationships with students through wellness activities and wellness community groups. You can sign up to be a part of a wellness community group or apply to become a wellness ambassador.

### ***Major Fellowship Assistance***

[The Office of Major Fellowships](#), located in Cribb Hall, is the university's central resource for information about major fellowships. This office assists students in strategically developing robust careers throughout their time at Clemson, as well as helping them to prepare the strongest applications possible for major fellowship opportunities such as the Truman, Marshall, Goldwater, Rhodes and many others. As an Honors student, you will receive notice of fellowship qualifications and application procedures.

## HONORS DISTINCTIONS

These requirements apply to students following the 2025-2026 Academic Catalog for the university. Students following other catalog years should refer to the Honors College Student Handbook that corresponds to their academic catalog year as recorded by the university.

### **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***

Many of the courses students will take for General Honors are 1000-2000 level courses that satisfy the university's Crossings (General Education) requirements or serve as introductory courses in a student's major, although 3000-4000 level courses may be taken for General Honors credit. Typically, students take most of their General Honors courses during the first and second years, although many students enroll in General Honors courses as juniors and seniors.

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

#### ***Requirements***

To receive the General Honors distinction, the following requirements must be satisfied:

1. Completion of a minimum of 18 Honors credit hours from three or more subjects (e.g., ENGL, MATH), at least 3 credit hours of which must be HON-prefixed courses (e.g., HON 1900).
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.

## **INTERDISCIPLINARY HONORS PROGRAM**

### ***Purpose***

The purpose of Interdisciplinary Honors is to provide Honors students with a unique opportunity to do advanced, in-depth study and/or research that combines at least two academic disciplines. Specific requirements are determined by an agreement with a faculty member in one of the academic departments, who will serve as the Interdisciplinary Honors advisor, and approved by the Dean of the Honors College (or designee). Students interested in Interdisciplinary Honors must speak with an Honors Advisor prior to beginning the process by contacting their assigned Honors Advisor. To learn more about Interdisciplinary Honors, please visit the [Interdisciplinary Honors](#) website.

### ***Basic Policies***

Interdisciplinary Honors requires a minimum of 14 credit hours divided as follows:

**Three-Course Option.** Three upper-level courses of at least three credit hours each across at least two disciplines, each in conjunction with HON 4010 (1) for a total of 12 credit hours, plus two hours of HON 4990

or

**Thesis/Project Option.** Two upper-level courses of at least three credit hours each across two disciplines, each in conjunction with HON 4010, plus at least 6 hours of HON 4990

To be eligible for Interdisciplinary Honors the student must have reached an agreement with a faculty member, who

will serve as their Interdisciplinary Honors advisor, by the end of their sophomore year on a series of proposed courses for their junior and senior years (exceptions will be made only in unusual cases and must have the approval of the Dean of the Honors College or a designee). These courses must span at least two different subject areas. The agreement between the student and faculty member must be approved by an Interdisciplinary Honors Steering Committee before the start of the junior year, with an update and revision form submitted at the end of the junior year and as necessary afterwards. Under no circumstances can courses be counted toward the requirements for Interdisciplinary Honors unless they are approved in advance by the Interdisciplinary Honors Steering Committee. The faculty advisor will sign a completion form at the end of the senior year.

The faculty advisor will be listed as faculty of record for the one credit hour HON 4010 companion course for the upper level courses the student will be completing. In addition, the same faculty member will be the instructor for HON 4990.

In HON 4010, the student will meet regularly with the faculty advisor to discuss additional materials related to the associated course, and how the course integrates with the student's proposed interdisciplinary topic. The student will be required to submit a final reflection essay as part of grade for each semester of HON 4010.

Students completing the thesis or major project option will take at least 6 hours of HON 4990 and prepare a substantial product (which must be described and approved in the form at the end of the junior year).

Students taking the three-course option will take two hours of HON 4990 as a capstone course to explore connections between their courses, culminating in a reflective essay pulling together their interdisciplinary experience.

At graduation the student who has successfully completed either of these programs will be awarded the distinction of Interdisciplinary Honors, which will be the equivalent of the designation of Departmental Honors.

To receive the Interdisciplinary Honors distinction, students must earn an A or B in all relevant coursework.

Interdisciplinary Honors courses cannot count towards either General Honors or Departmental Honors.

## **DEPARTMENTAL HONORS PROGRAMS**

### ***Purpose***

The purpose of Departmental Honors is to provide Honors students with a unique opportunity to do advanced, in-depth study or research within an academic discipline. Specific requirements are set by the academic department; however, it is expected that all students, regardless of department, 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 the student's junior and senior years. To be considered for any Departmental Honors program, students must have a cumulative GPA of 3.40 or higher and the approval of their department.

Typically, 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 website.

Courses taken for Departmental Honors must be Honors courses. Honors courses count towards either General Honors or Departmental but not for both General and Departmental Honors.



## College of Agriculture, Forestry and Life Sciences

### *Agriculture Other*

For majors in Agricultural Education; Agricultural Mechanization and Business; Agribusiness; Environmental and Natural Resources; Horticulture; Soils and Sustainable Crops Systems; Turfgrass; and Wildlife and Fisheries Biology, the Departmental Honors requirements consist of 12 semester hours as follows:

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

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

PES	3150	Environment and Agriculture (3)
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APEC	3090	Economics of Agricultural Marketing (3)
	4520	Agricultural Policy (3)
	4560	Prices (3)

AVS	3700	Principles of Animal Nutrition (3)
	3750	Applied Animal Nutrition (3)
	4010	Beef Production (3)
	4120	Advanced Equine Management (3)
	4140	Basic Immunology (3)
	4530	Animal Reproduction (3)

	4700	Animal Genetics (3)
ENT	4000	Insect Morphology (4)
	4040	Urban Entomology (3)
	4690	Aquatic Insects (3)
ETOX	4210	Chemical Sources & Fate in Environmental Systems (3)
FDSC	4010	Food Chemistry I (3)
	4020	Food Chemistry II (3)
	4200	Special Topics in Food Science (1-3)
	4210	Special Problems in Food Science (1-4)
GEN	3020	Molecular and General Genetics (3)
	4100	Population and Quantitative Genetics (3)
	4200	Molecular Genetics and Gene Regulation (3)
	4400	Bioinformatics (3)
	4500	Comparative Genetics (3)
HORT	4610	Advanced Landscape Garden Design (4)
NUTR	4010	Fundamentals of Nutrition (3)
	4250	Medical Nutrition Therapy II (4)
PKSC	3680	Packaging and Society (3)

4040 Mechanical Properties of Packages & Principles of Protective Packaging (3)

4640 Food and Health Care Packaging Systems (4)

PLPA            3020 Plant Pathology Research (1-3)

WFB            4120 Wildlife Management (3)

4620 Wetland Wildlife Biology (3)

4690 Aquatic Insects (3)

### *Animal and Veterinary Sciences*

Departmental Honors in Animal and Veterinary Sciences requires at least 12 hours of Honors credit taken as follows:

AVS            4920 Undergraduate Research Applications (6)

\*Students must take at least six credit hours under a single research advisor and must write an Honors thesis to be presented to the Honors College and Animal and Veterinary Sciences research advisor.

-and-

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

AVS	4700	Principles of Animal Nutrition (3)
	3750	Applied Animal Nutrition (3)
	4010	Beef Production (4)
	4120	Advanced Equine Management (4)
	4140	Basic Immunology (3)
	4160	Equine Exercise Physiology (4)
	4230	Forages and Livestock Systems (3)
	4530	Animal Reproduction (3)
	4700	Animal Genetics (3)

### *Environmental and Natural Resources*

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

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

-or-

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

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

-and-

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

PES            3150   Environment and Agriculture (3)

APEC           3090   Economics of Agricultural Marketing (3)

                  4520   Agricultural Policy (3)

                  4560   Prices (3)

BIOL           3020   Invertebrate Biology (3)

                  3030   Vertebrate Biology (3)

                  3040   Biology of Plants (3)

                  4000   Insect Morphology (4)

                  4010   Plant Physiology (3)

                  4060   Introductory Plant Taxonomy (3)

                  4080   Comparative Vertebrate Morphology (3)

                  4090   Comparative Vertebrate Morphology Laboratory (2)

                  4110   Limnological Analyses (2)

                  4140   Basic Immunology (3)

                  4200   Neurobiology (3)

                  4320   Animal Histology (3)

                  4330   Animal Histology Laboratory (2)

                  4400   Developmental Animal Biology (3)

                  4410   Ecology (3)

4420 Biogeography (3)

4450 Ecology Laboratory (2)

4460 Plant Ecology (3)

4470 Plant Ecology Laboratory (2)

4500 Developmental Biology Laboratory (2)

4560 Medical and Veterinary Parasitology (3)

4570 Medical and Veterinary Parasitology Laboratory (2)

4580 Cell Physiology (3)

4590 Systems Physiology (3)

4610 Cell Biology (3)

4700 Behavior Ecology (3)

4750 Comparative Physiology (3)

4760 Comparative Physiology Laboratory (2)

4840 Human and Comparative Vertebrate Embryology (3)

ENT            4000 Insect Morphology (4)

                 4040 Urban Entomology (3)

                 4690 Aquatic Insects (3)

ENTX           4210 Chemical Sources & Fate in Environmental Systems (3)

GEN            3020 Molecular and General Genetics (3)

                 4100 Population and Quantitative Genetics (3)

                 4200 Molecular Genetics and Gene Regulation (3)

- 4400 Bioinformatics (3)
- 4500 Comparative Genetics (3)

HORT        4610    Advanced Landscape Garden Design (4)

- WFB        4120    Wildlife Management (3)
- 4620    Wetland Wildlife Biology (3)
- 4690    Aquatic Insects (3)

***Food, Nutrition, and Packaging Sciences***

Departmental Honors in Food, Nutrition, and Packaging Sciences requires the following sequence of courses totaling 12 credit hours.

Directed Research in Food Science, Nutrition or Packaging Sciences for a total of six (6) credit hours over a period of two semesters under a single advisor.

- |      |            |                                |
|------|------------|--------------------------------|
| FDSC | 4950, 4951 | Senior Honors Research and Lab |
|      | 4960, 4961 | Senior Honors Research and Lab |

-or-

- |      |            |                                |
|------|------------|--------------------------------|
| NUTR | 4950, 4951 | Senior Honors Research and Lab |
|      | 4960, 4961 | Senior Honors Research and Lab |

-or-

- |      |            |                                |
|------|------------|--------------------------------|
| PKSC | 4950, 4951 | Senior Honors Research and Lab |
|------|------------|--------------------------------|

4960, 4961          Senior Honors Research and Lab

-and-

Six (6) hours taken from the following Honors courses or other 3000- or 4000-level agriculture or life sciences

Honors courses approved by your academic advisor.

FDSC            4010 Food Chemistry I (3)  
                  4020 Food Chemistry II (3)  
  
                  4200 Special Topics in Food Science (1-3)  
                  4210 Special Problems in Food Science (1-4)

NUTR           4510 Human Nutrition and Metabolism I (3)  
                  4240 Medical Nutrition Therapy I (4)  
                  4250 Medical Nutrition Therapy II (4)

PKSC           3680 Packaging and Society (3)  
                  4040 Mechanical Properties of Packages & Principles of Protective Packaging (3)  
                  4640 Food and Health Care Packaging Systems (4)

The Food, Nutrition, and Packaging Sciences Departmental Honors requirement includes completion of an advanced, mentored 2-semester research project under a single research advisor culminating in an advisor approved Honors thesis, in-depth written report or portfolio of work and an oral project summary presentation.

### ***Forest Resource Management***

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



hours:

FNR            4910   Senior Honors Thesis I (3)

                 4920   Senior Honors Thesis II (3)

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

FOR            4260   Forest Resource Management Plans Seminar (1) (taken with FOR 4250)

                 4610   Silviculture Honors Seminar I (1) (taken with FOR 4650)

                 4630   Silviculture Honors Seminar II (1) (taken with FOR 4650)

### **College of Architecture, Art, and Construction**

#### ***Architecture***

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

ARCH            4900   Honors Directed Studies for a total of six semester hours taken over two semesters

HON            2050   Architects Doing Architectures (1 hour) two for a total of two semester hours\*

To earn Departmental Honors in Architecture, students must enroll in an Honors section of ARCH 4900 (for three credit hours) and perform research related to a subject topic of personal interest to them in the field of architecture or other related disciplines. Students must also enroll in a second Honors section of ARCH 4900 (for three credit hours) to be coordinated with the work undertaken in one of the final three design studios and will prepare a thesis project based on the studio subject. An additional two one-hour Honors Architecture Seminars must be completed

for a total of eight hours of Departmental Honors coursework.

\*Note: Only sections of HON 2050 titled “Architects Doing Architectures” may be counted for this requirement.

### ***Landscape Architecture***

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

LARC	4910	Honors Research Methods for Landscape Architecture (1-3)
	4940	Landscape Architecture Honors Research (2-3)
	4950	Landscape Architecture Honors Thesis (2-3)

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

### **College of Arts and Humanities**

#### ***English***

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

ENGL	4380	Departmental Honors Research (3)
HON	4390	Departmental Honors Project (3)

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

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

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

### ***History***

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

HIST                    4970 Senior Honors Research (3)  
                             4980 Senior Honors Thesis (3)

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

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

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

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

Honors Office.

***Languages (French and Spanish)***

Departmental Honors in French or Spanish requires the following sequence of courses totaling 8 credit hours:

***French***

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

Two of the following independent study courses:

FR	3910	Survey of French Literature (1), taken with FR 3000
	4910	Modern French Literature (1), taken with FR 4000
	4920	The French Corporation (1), taken with FR 4170

***Spanish***

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

Two of the following independent study courses:

SPAN	3910	Honors Intro to Hispanic Literary Forms (1), taken with SPAN 3040
	3920	Survey of Spanish Literature (1), taken with SPAN 3130
	3930	Hispanic World: Latin America (1), taken with SPAN 3080

4910 Hispanic Narrative Fiction (1), taken with SPAN 4060

4920 Contemporary Latin American Novel (1), taken with SPAN 4220

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

### *Performing Arts*

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

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

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

1. Be an Honors student with a cumulative GPA of 3.40 or higher
2. Complete the two semester Honors project
3. Receive a grade of A in PA 4920. The Honors project topic should be selected from the following:
  - Present a lecture/recital of a musical work, music of a specific composer, or music representative of a specific genre; including a 15 to 25 page thesis related to the genre of the music performed.

- Present a lecture/demonstration of a theatrical work, work of a specific playwright, or a specific theatrical genre; including a 15 to 25 page thesis to the genre of the work(s) performance.
- Author a theatrical work or musical composition; including a 15 to 25 page thesis related to the specific genre of the work.
- Serve as director of a musical or theatrical production; including a 15 to 25 page thesis related to the specific genre of the production.
- Other creative project with thesis as approved by the department chair and department Scholarship, Honors & Awards Committee.

The project is to be completed over the course of two semesters, beginning in the student's sixth semester. Early in the fifth semester, the student will consult with the department chair regarding the type of project in which he/she is interested. Prior to the first day of registration of the sixth semester, the student will present a brief prospectus of the project to the chair and members of the department Scholarship, Honors & Awards committee. Upon approval of the project, the chair will suggest an advisor for the project and select a three-person project committee, composed of the project advisor a member of the department Scholarship, Honors & Awards committee and a third faculty member.

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

## *Philosophy and Religion*

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

PHIL            4970   Philosophy Honors Research (3)  
                  4980   Philosophy Honors Thesis (3)

-or-

REL            4970   Religion Honors Research (3)  
                  4980   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 GPA of 3.40 or higher; 2) have reached a tutorial agreement with a Philosophy and Religion faculty member who will serve as the thesis advisor; and 3) and have the approval of the department chair no later than a week after the beginning of your penultimate semester. You are strongly encouraged to secure an advisor and negotiate a topic the semester before enrolling in 4970.

You will write the thesis over two consecutive semesters. During the first semester (PHIL/REL 4970) you will conduct research, clearly define the topic, and complete a tentative bibliography under the supervision of your thesis advisor. At the end of this semester, you must give the thesis advisor a written progress report indicating your plans for the thesis. In consultation with the advisor, you will also 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. Early in the second semester (PHIL/REL 4980) you must consult with your thesis committee members and set a date for the defense of your thesis, which must take place no later than the final day of regularly scheduled classes for that semester. The typical length of an undergraduate philosophy thesis is 6,500-12,000 words, inclusive of notes and bibliography. A religion thesis is typically 12,000-18,000 words in length,



inclusive of notes and bibliography. 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. Defenses typically last an hour. The committee will determine the grade for PHIL/REL 4980 based on the thesis and defense, awarding departmental honors to students receiving an A or B.

### **College of Behavioral, Social and Health Sciences**

#### ***Anthropology***

The requirements for Departmental Honors in Anthropology include:

ANTH 4080 Honors Thesis Research I (3)

ANTH 4090 Honors Thesis Research II (3)

To be eligible for Departmental Honors in Anthropology, you must:

1. Be an Honors student in good standing with a cumulative GPA of 3.40 or higher.
2. Have earned a cumulative GPA of 3.40 or higher in all Anthropology courses.
3. Select and have the approval of an Honors thesis advisor.

Earning Departmental Honors in Anthropology requires the completion of an Honors thesis concurrent with enrollment in ANTH 4080 and 4090. The Honors thesis is completed over the course of two consecutive semesters

(typically the sixth and seventh or seventh and eighth semesters). In the semester preceding enrollment in ANTH 4080, you should enlist the guidance of a faculty advisor who will then oversee your Honors thesis during the following two semesters. Your thesis committee will be composed of your thesis advisor and one additional departmental faculty member. You may add an additional committee member should they have expertise on your topic. The thesis will involve substantial independent research and demonstrate a command of appropriate literature. The thesis will be graded by the advisor, who will receive and consider comments from the committee.

Requirements for ANTH 4080 and 4090 and a timeline for completion of your thesis will be assigned by your Honors thesis advisor. ANTH 4080 usually consists of a detailed outline proposal, an annotated bibliography, and other evidence of substantial work toward completion of the thesis. ANTH 4090 will involve the writing, revision, and presentation of the thesis.

To graduate with Departmental Honors in Anthropology, you must successfully defend your completed thesis to your thesis committee and other interested parties and receive a grade A or B in each course.

### ***Communication***

Departmental Honors in Communication (this includes both the Communication BA and Sports Communication BA) requires the following sequence of courses totaling 6 credit hours over two semesters:

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

To earn Departmental Honors in Communication, students must achieve a cumulative grade point average of 3.40 or better in Communication courses and complete the two-semester Honors thesis project, ideally building on a project designed in one of the prerequisite research course (COMM 2030) or another upper-level (3000 or 4000) seminar. 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 (if a student maintains an 8-semester schedule).

During the seventh semester, students enroll in COMM 4960, Honors Creative Inquiry Capstone, for 3 credits and

undertake the first stages of their thesis.

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

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

Students must have a grade of A or B in the two 4960 courses.

### ***Criminal Justice***

The requirements for Departmental Honors in Criminal Justice include:

JUST 4080 Honors Thesis Research I (3)

JUST 4090 Honors Thesis Research II (3)

To be eligible for Departmental Honors in Criminal Justice, you must:

1. Be an Honors student in good standing with a cumulative GPA of 3.4 or higher.

2. Have earned a cumulative GPA of 3.4 or higher in all Criminal Justice courses.
3. Select and have the approval of an Honors thesis advisor.

Earning Departmental Honors in Criminal Justice requires the completion of an Honors thesis concurrent with enrollment in JUST 4080 and 4090. The Honors thesis is completed over the course of two consecutive semesters (typically the sixth and seventh or seventh and eighth semesters). In the semester preceding enrollment in JUST 4080, you should enlist the guidance of a faculty advisor who will then oversee your Honors thesis during the following two semesters. Your thesis committee will be composed of your thesis advisor and one additional departmental faculty member. You may add an additional committee member should they have expertise on your topic. The thesis will involve substantial independent research and demonstrate a command of appropriate literature. The thesis will be graded by the advisor, who will receive and consider comments from the committee.

Requirements for JUST 4080 and 4090 and a timeline for completion of your thesis will be assigned by your Honors thesis advisor. JUST 4080 usually consists of a detailed outline proposal, an annotated bibliography, and other evidence of substantial work toward completion of the thesis. JUST 4090 will involve the writing, revision, and presentation of the thesis.

To graduate with Departmental Honors in Criminal Justice, you must successfully defend your completed thesis to your thesis committee and other interested parties and receive a grade A or B in each course.

### ***Health Science***

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

HLTH	3950	Honors Research Seminar (3)
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4950 Honors Thesis Seminar (3)

4960 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 prepare a deliverable that summarizes their research in either a written or oral format. The Department of Public Health Sciences will select Departmental Honors candidates each fall and spring semester for participation in the Departmental Honors program. In HLTH 3950, the student participates with other Honors students in a research seminar, conducts a literature review, and identifies a faculty mentor to solicit that mentor's input into the creation of the research proposal. HLTH 4950 involves the collection and analysis of data under the supervision of a faculty mentor in the student's area of interest. The writing of the thesis and development of an oral, written, and/or visual presentation of the Honors work begins during HLTH 4950 and is completed in the one-hour research colloquium HLTH 4960. Honors projects are expected to involve substantial independent research and will demonstrate a command of the appropriate literature.

### ***Nursing***

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

NURS	3280	Honors Seminar I (2)
	3300	Research in Nursing (3)
	4200	Honors Seminar II (2)
	4280	Honors Seminar III (2)

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

### ***Parks, Recreation, and Tourism Management***

Departmental Honors in Parks, Recreation, and Tourism Management requires the following sequence of courses totaling 9 credit hours:

PRTM 3990 Introduction to Field Training and Research (1)

PRTM 4090 Methods of Recreation Research I (3)

PRTM 4100 Methods of Recreation Research II (3)

PRTM 4990 Presentation of Honors Projects (1)

PRTM 9100 Research Seminar (1)

PRTM Departmental Honors is earned through a cohort-based program. Students may apply to the Departmental Honors Coordinator to participate in the program or faculty may nominate students for the program. Applications are processed each fall and the PRTM Department selects approximately seven candidates for each cohort annually.

Departmental Honors students begin the program by taking PRTM 3990 to orient them to their upcoming research projects, including providing background information and related field experiences. Following PRTM 3990, students will take the sequence of PRTM 4090 and 4100 with a faculty member who has a research project beginning or ongoing. In PRTM 4090 the students will learn the rationale for the faculty member's project, examine the scientific literature relevant to the project, become familiar with the methods and tools related to the research, and develop a research proposal that fits within or compliments the planned or ongoing research project. In PRTM 4100 the student will conduct the proposed research project, including any necessary field work, data collection, or analyses. Students then take PRTM 9100 (graded as a pass/no pass course based predominantly on attendance and participation) in conjunction with HON 4000 to provide insights into graduate-level research, research presentations, and the potential opportunities afforded in a PRTM graduate program. Honors students earn graduate credits for taking PRTM 9100, as allowed by university policy for undergraduate seniors with a 3.0 GPA or higher. Finally, in PRTM 4990 the students complete a written summary of the project conducted in PRTM 4100 and prepare and present an oral summary of the project. The oral presentation will be made in PRTM 4100 or in an appropriate professional setting with the permission of the supervising instructor. Upon approval of the Departmental Honors Coordinator, PRTM 4080 Honors Internship (6 credits) may be taken in place of PRTM 4090 and 4100.

The eight Honors-based credit hours from PRTM 3990, 4090, 4100, and 4990 (or PRTM 4080, if taken) may in some cases be substituted for regular degree requirements.

Departmental Honors may not be available to students concentrating in Golf or Recreation Therapy because of conflicts with external requirements for professional certification.

### *Political Science*

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

POSC	3950 Junior Honors Research Seminar (1)
	3960 Junior Honors Research (1)
	4900 Senior Honors Thesis Research (3)
	4910 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 POSC 3950 and POSC 3960. In POSC 3950, you will participate with other Honors students and with various members of the faculty in a research seminar. In this course, you will learn how to develop a research topic and how to choose an appropriate research methodology, and you will have the opportunity to hear research presentations by students who are writing their senior theses. At the conclusion of the course, you will prepare a research prospectus for a project to be completed the following semester in POSC 3960. This project will comprise a substantial research paper, written in conjunction with any approved three-credit 3000- or 4000-level political science course.

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

Requirements for POSC 4900 are assigned by your advisor and typically will consist of a detailed proposal or topic



outline, an annotated bibliography, and other evidence of progress toward completion of the thesis. The final thesis grade will be summa cum laude, magna cum laude, cum laude, or no distinction. The course grade for POSC 4910 will be A for theses awarded an Honors grade and B or below for theses awarded a grade of no distinction.

The Political Science Department also offers Honors courses taught in a foreign language (French or Spanish):

POSC	3610	American Diplomacy and Politics (3)
	3750	European Integration (3)

### ***Psychology***

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

PSYC	4900	Senior Division Honors Research (2-4)
	4910	Senior Division Honors Research II (2-4)

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

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

methods, analysis, and interpretation.

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

The department also offers the following Honors courses:

PSYC	3400	Life-span Developmental Psychology (3)
	3520	Social Psychology (3)
	3830	Abnormal Psychology (3)
	3900	Honors Seminar in Psychology (3)
	4220	Sensation and Perception (3)
	4970	Directed Studies in Psychology (1-4)
	4980	Team Based Research (1-4)

### ***Sociology***

The requirements for Departmental Honors in Sociology include:

SOC 4080 Honors Thesis Research I (3)

SOC 4090 Honors Thesis Research II (3)

To be eligible for Departmental Honors in Sociology, you must:

1. Be an Honors student in good standing with a cumulative GPA of 3.40 or higher.
2. Have earned a cumulative GPA of 3.40 or higher in all Sociology courses.
3. Select and have the approval of an Honors thesis advisor.

Earning Departmental Honors in Sociology requires the completion of an Honors thesis concurrent with enrollment in SOC 4080 and 4090. The Honors thesis is completed over the course of two consecutive semesters (typically the sixth and seventh or seventh and eighth semesters). In the semester preceding enrollment in SOC 4080, you should enlist the guidance of a faculty advisor who will then oversee your Honors thesis during the following two semesters. Your thesis committee will be composed of your thesis advisor and one additional departmental faculty member. You may add an additional committee member should they have expertise on your topic. The thesis will involve substantial independent research and demonstrate a command of appropriate literature. The thesis will be graded by the advisor, who will receive and consider comments from the committee.

Requirements for SOC 4080 and 4090 and a timeline for completion of your thesis will be assigned by your Honors thesis advisor. SOC 4080 usually consists of a detailed outline proposal, an annotated bibliography, and other evidence of substantial work toward completion of the thesis. SOC 4090 will involve the writing, revision, and presentation of the thesis.

To graduate with Departmental Honors in Sociology, you must successfully defend your completed thesis to your thesis committee and other interested parties and receive a grade A or B in each course.

## **College of Business**

### ***Accounting***

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

ACCT	3030 Cost Accounting (3)
	3110 Intermediate Financial Accounting I (3)

3120 Intermediate Financial Accounting II (3)

3130 Analytics for Accounting Decision Making (3)

4040 Individual Taxation (3)

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

### ***Economics***

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

ECON            4910 Senior Honors Thesis Research (3)

                  4920 Senior Honors Thesis Writing (3)

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

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

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

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

### ***Financial Management***

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

Corporate Finance sequence:

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

Banking and Investments sequence:

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

Financial Planning sequence:

FIIN	3110	Financial Management I (3)
	3120	Financial Management II (3)
	4050	Portfolio Management and Theory (3)
	4090	Professional Financial Planning (3)

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

In the Corporate Finance sequence, students work individually and in groups on a year-long merger analysis project (FIN 4020 and 4040) 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 the Banking and Investments sequence (FIN 4050 and 4060), students work on individualized projects related to practical applications in investments management.

In the Financial Planning sequence (FIN 4050 and FIN 4090), students will develop a trading strategy used in individual and institutional portfolio management and then incorporate this strategy into a comprehensive financial plan. Students will prepare a written plan and do a presentation defending the plan.

In lieu of one of 3110 or 3120, a student may take FIN 4100 for three hours (with the permission of the department chair) or a three hour 3000- or 4000-level Honors course in Accounting, Economics, Management, or Marketing. A substitution may be made for a course in one of the senior-level sequences only if the student is enrolled off-campus during one of the student's final two semesters.

### ***International Business***

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

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

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

ACCT	3030	Cost Accounting (3)
	3110	Intermediate Financial Accounting I (3)
	3120	Intermediate Financial Accounting II (3)
	3130	Analytics for Accounting Decision Making (3)
	4040	Individual Taxation (3)
ECON	3140	Intermediate Microeconomics (3)
	3150	Intermediate Macroeconomics (3)

	3500	Moral and Ethical Economics (3)
	4260	Seminar in Sports Economics (3)
	4980	Selected Topics in Economics (3)
FIN	3110	Financial Management I (3)
	3120	Financial Management II (3)
	4020	Advanced Corporate Finance (3)
	4040	Financial Modeling (3)
	4050	Portfolio Management and Theory (3)
	4060	Analysis and Use of Derivatives (3)
	4100	Research in Finance (1-3)
MGT	3070	Human Resource Management (3)
	3100	Intermediate Business Statistics (3)
	3120	Decision Models for Management (3)
	4020	Operations Planning and Control (3)
	4150	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 4910 and 4920) to be written during the senior year. In addition, the student will be required to complete a foreign language through the 305-level and spend one year at an approved international partner school taking BUS 3910 and 3920. Prior to their study abroad students are required to take BUS 2910. They will also be expected to complete at least one of their normal business courses with an Honors designation.



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

Students may join as early as their first year, but may wait until the second semester of the sophomore year to declare an intention to participate in the program. They must meet all existing requirements for membership in the 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.

### ***Graphic Communications***

Departmental Honors in Graphic Communications requires at least four of the following courses totaling at least 12 credit hours.

- |     |  |
|-----|--|
| G C | 4060 Package and Specialty Printing (4)                          |
|     | 4400 Commercial Printing (4)                                     |
|     | 4440 Current Developments & Trends in Graphic Communications (4) |
|     | 4480 Planning and Controlling Printing Functions (3)             |
|     | 4510 Special Projects in Graphic Communications (1-6)            |

## ***Management***

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

MGT	3070 Human Resource Management (3)
	3100 Intermediate Business Statistics (3)
	3120 Decision Models for Management (3)
	4020 Operations Planning and Control (3)
	4150 Business Strategy (3)

## ***Marketing***

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

MKT	3900 Junior Honors Research (1)
MKT	4900 Senior Honors Thesis Research I (3)
MKT	4910 Senior Honors Thesis Research II (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 coordinator to plan their program. In the second semester of their junior year students may enroll in MKT 3900 (1). During this semester, students learn how to write and execute the front-end of a research thesis. The resulting output for this class is therefore a paper that includes an introduction, literature review, proposed research question(s), and a brief methodology section that gives a tentative plan for studying the research question(s). Key to this first class is an impressive literature review that identifies gaps in the marketing literature and explains how the current research plans on answering them. In the first semester of

the senior-year, students will enroll in MKT 4900 Senior Honors Thesis Research I (3). During this semester, students learn to collect data, analyze data and write-up results based on their findings to answer research questions. The resulting output for this class is therefore a full thesis that includes an abstract, introduction, literature review, proposed research question(s), methodology, results, discussion, and conclusion section. The second semester of the senior-year, students will enroll in MKT 4910 Senior Honors Thesis Research II (3). During this semester, students polish their senior thesis with the goal of submitting the thesis to a peer-reviewed marketing conference or academic journal.

The completion of marketing department Honors may be under the guidance and direction of one or more members of the marketing department faculty. References should be in a consistent format (APA suggested). Students must pay attention to all deadlines carefully and give their mentor plenty of time to support the student in meeting deadlines. Students must complete MKT 3900 with a “B” or better and must also have the approval of the Honors coordinator to move onto MKT 4900 and 4910.

## **College of Education**

### ***Human Capital Education & Development***

Departmental Honors in Human Capital Education and Development requires the following sequence of courses totaling 9 hours – one foundational course and two applied courses:

#### **Foundational Course (3 hours)**

EDHC                    3300 Concepts of Human Capital Education and Development

OR

EDHC                    4320 Workforce, Organization and Leadership Development

-AND-

#### **Applied Courses (6 hours from either 4000-level or 6000-level options)**

EDHC	4900 Directed Research in Human Capital Education and Development
EDHC	4940 Human Capital Education and Development Capstone
HRD	8100 Foundations of HRD Leadership
HRD	8250 Organization Development
HRD	8300 Concepts of HRD
HRD	8470 Instructional Systems Design
HRD	8490 HRD Program Evaluation
HRD	8800 Research Concepts and Skills

*\*Note: Students may mix undergraduate and graduate courses listed above and must take a minimum of 9 credit hours from the courses.*

### **Honors Portfolio Requirement**

After completing the 9-hour course requirements (using undergraduate courses, graduate courses, or a mixture of both) for Departmental Honors, Honors students will develop a Human Capital Education and Development Honors Portfolio.

The portfolio should include an introduction followed by the engaged learning outputs or deliverables for each course, and a summary or conclusion that links the outputs or deliverables into a coherent product.

1. Introduction: The introduction is separate from outcomes/deliverables. It provides background and significance. It should detail the logical link between the outcomes/deliverables, including relevant connections to the field of human capital.
2. Outcomes/Deliverables: Each engaged learning outcome or deliverable will be included in the portfolio.
3. Conclusion: A summary chapter discusses the implications of the integrated outcomes/deliverables. The conclusion should also explain how outcomes/deliverables have expanded professional networks and enhanced employment marketability through experiences in developing applied research, publications, and presentations. Connections to the field of human capital must be clearly made.

Portfolios will present 7-12 pages narrative, plus outcomes/deliverables, and include appropriate references.

### *Teaching and Learning*

Teaching & Learning Departmental Honors requires the following sequence of courses totaling 7 credit hours:

ED	3990 Teaching & Learning Departmental Honors Research Seminar (1 cr.)
ED	4990 Departmental Honors Project & Dissemination (6 cr.; 1-3 variable over 2-4 semesters)

To earn Departmental Honors in Teaching & Learning you must: 1) be an undergraduate education major within the Department of Teaching & Learning; 2) be an Honors student with a cumulative GPR of 3.40 or better in your education courses; and 3) complete an Honors project (completed through the required course sequence). The Honors project is most often a thesis, but the research can be disseminated in multiple ways (performance, professional development session, original curriculum, classroom improvement plan). The project is completed over the course of 3-5 consecutive semesters (2nd semester sophomore year). In ED 3990 Departmental Honors Research Seminar, you explore the research process, focusing on research in education. You will also learn about faculty research interests. By first semester of your junior year, you will have chosen a faculty advisor for your project. Beginning in the first semester of your junior year and culminating in your senior year, you will develop your project and conduct your research. It is recommended that students complete the project or the majority of it prior to student teaching. Upon completion of your research, you will present your research project in an appropriate scholarly setting (e.g. research presentation, poster presentation, guest teaching, workshop, performance). It is encouraged that you share a digital copy of your project with the Honors College.

### ***Special Education***

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

EDSP	3700 (HON) Introduction to Special Education (3)
EDSP	4990 (HON) Education Honors Capstone for a total of six credit hours spread out over at at least two semesters (across four semesters is recommended)

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

ESP 4990 has the prerequisite of EDSP 3700. During EDSP 3700, the student will learn about the Clemson University special education faculty members and their research areas. In 3700, the student will write a research paper on a predetermined topic. Upon faculty review, the student will work with a designated faculty member to develop a plan for completing Honors requirements through EDSP 4990. The plan must be approved by the faculty member prior to enrolling in EDSP 4990.

### **College of Engineering, Computing and Applied Science**

#### ***Bioengineering***

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

BIOE	4150/6150	Research Principles and Concepts (1)
	4910	Mentored Research in Bioengineering (1-4) for a total of six credit hours over a period of two semesters

The Departmental Honors program in Bioengineering provides exceptional students training and practical

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

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

*Attendance of Scientific, Engineering or Bioengineering Seminars / Lecture Series:* Departmental Honors students will be required to attend a total of 2 bioengineering, scientific, professional and/or entrepreneurial events (i.e. Hunter, C. Dayton Riddle, annual scientific meetings, etc.) during each of the semesters in which they are enrolled within the program. Students will be required to provide a 2-3 sentence summary of each seminar to illustrate their attendance at the event. This requirement will be integrated into BIOE 4910 requirements and grading.

### ***Biosystems Engineering***

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

BE	3000	Biosystems Engineering Honors Seminar (0)
	3010	Biosystems Engineering Thesis Research (3)
	4000	Biosystems Engineering Honors Thesis (3)
	4510	Newman Seminar & Lecture Series in Natural Resources Engineering (1)

To be eligible for Departmental Honors in Biosystems Engineering you must have a minimum overall GPA of 3.50. The faculty advisor and student will agree on the topic area and statement of objectives to enable the completion of the thesis in the required time period.

In BE 3000, taken during the spring semester of the sophomore 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. In general, the research will begin during the fall semester of the junior year with BE 3010. In the spring semester of the junior year, the student will enroll in BE 4000. BE 4510 is taken during the fall semester of the senior year.

During the research/thesis process you will review the literature pertinent to the research topic, conduct a research program, develop a manuscript for publication or a thesis that contains the results of the project. You are also required to make a presentation of your research in the BE 4510 course.

The ***final version*** of the thesis must be submitted to the advisor by the last day of finals week of the fall semester of the senior year.

### ***Chemical Engineering***

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

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



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

***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:

CE	3880	Honors Research Topics (1)
	3890	Honors Research Skills (1)
	4880	Honors Research I (2-3)
	4890	Honors Research II (3)

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

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

CE	3880	Honors Research Topics (1)
	3890	Honors Research Skills (1)
	4880	Honors Research I (2-3)
	4890	Honors Research II (3)

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 expected 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.

CE	3870	Junior Honors Project (1-3) for a total of two-three credit hours over a period of two semesters
	4870	Senior Honors Project (1-3) for a total of two-three credit hours over a period of two semesters

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:

CPSC	3950 Honors Seminar (1) (up to two semesters – one is required)
	4950 Senior Honors Research for a total of six credit hours over a period of two semesters (1-3)

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

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

### ***Electrical and Computer Engineering***

Departmental Honors in Electrical and Computer Engineering requires the following sequence of courses totaling 11 credit hours:

#### **ECE 3000 Junior Honors Seminar (1)**

#### **At least 6 credits from the following courses:**

ECE 2010 Logic and Computing Devices (3 credits)

ECE 2020 Electric Circuits I (3 credits)

ECE 2620 Electric Circuits II (3 credits)

\*ECE 3170 Random Signal Analysis (3 credits)

ECE 3200 Electronics I (3 credits)

\*ECE 3300 Signals, Systems and Transforms (3 credits)

\*At least three of these credits must be from ECE 3170 or ECE 3300. Note that ECE 3170 is only offered in spring semesters, and ECE 3300 is only offered in fall semesters. Honors contracts are not available for ECE 3170 and

ECE 3300 in the “off” semesters.

**Four additional credits of:** ECE 4910 Undergraduate Honors Research for a total of four credit hours over a period of two semesters

-OR-

**A combination of the following (totaling 4 credits):**

ECE 2990 Creative Inquiry in Electrical and Computer Engineering, up to 1 credit

ECE 3990 Creative Inquiry in Electrical and Computer Engineering, up to 1 credit

ECE 4990 Creative Inquiry in Electrical and Computer Engineering, 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 3300 and ECE 3000 a seminar designed to introduce you to research activities within the department. Students may select either of the following options associated with the Honors thesis:

**Option 1 – Honors Thesis:** This option includes four credits of ECE 4910 taken in the senior year. You will be required to do a literature survey of your chosen topic and to develop a research plan that will evolve into a senior thesis. Research will be performed under the direction of a faculty advisor. The Honors thesis must meet the standards of the faculty advisor and the Honors College, and you will be required to give the Honors Office a copy of your thesis. In addition to the written thesis, an oral project summary presentation is required.

**Option 2 – Creative Inquiry with Honors Thesis:** This option includes four credits of one or a combination of the following courses: ECE 2990 (up to 1 credit) ECE 3990 (up to 1 credit); and ECE 4990 (2-4 credits) The Creative Inquiry (CI) courses may be taken in the sophomore, junior or senior year. You will work with a faculty advisor individually or as a member of a research team. The Honors thesis must meet the standards of the faculty advisor

and the Honors College, and you will be required to give the Honors Office a copy of your thesis. In addition to the written thesis, an oral project summary presentation is required.

### ***Environmental Engineering***

For the BS degree in Environmental Engineering, Departmental Honors in Environmental Engineering requires the following four-course sequence totaling 8 credit hours:

EES	3000	Honors Seminar: Introduction to Research in Environmental Engineering (1)
EES	3010	Honors Research in Environmental Engineering I (3)
EES	4000	Honors Research in Environmental Engineering II (3)
EES	4950	Honors Thesis in Environmental Engineering (1)

Students who are interested in earning Departmental Honors are encouraged to contact a faculty member in EES who is willing to supervise these courses. Arrangements should be made prior to the start of a student's junior level courses.

Students who are not members of the Honors College may apply to join, if their cumulative GPR is 3.5 or higher by the end of the semester that they apply. 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.

### ***Geology***

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

GEOL 4110      Research Problems for a total of three credit hours taken under a single research advisor

Three courses at the Honors level selected from the following:

GEOL	1010 Physical Geology (3)
	2020 Earth History (4)
	3000 Environmental Geology (3)
	3020 Structural Geology (4)
	3140 Sedimentary Petrology (3)
	3160 Igneous and Metamorphic Petrology (3)
	3750 Bahamian Field Study (3)

### ***Industrial Engineering***

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

IE	2680	Creative Inquiry Seminar in Industrial Engineering (1)
	4000	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 2680, a course in which Honors students become familiar with current research in industrial engineering and begin groundwork for their own research; IE 268 is one credit hour. As the work progresses, students enroll in IE 4000. IE 4000 is a variable hour course that may be taken two or more times, in multiples of one hour, for a total of six credits. Since IE 4000 is a variable hour course, it affords students considerable flexibility.

Moreover, the research hours may be substituted for six credits of the Department's technical elective requirement. While enrolled in IE 4000, the research project is defined and developed, and ultimately culminates in the form of an Honors thesis. Upon successful completion of the Honors thesis, it must be submitted both to the Honors College and the Department's Honors Coordinator. In addition, the Department requires an abstract and a profile, examples of which may be found on the Department's Honors Program Web site (theses of former Honors students may be found there as well).

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

### ***Materials Science and Engineering***

Departmental Honors in Materials Science and Engineering requires the following sequence of courses totaling 7 credit hours:

MSE 3910**	Undergraduate Research Fundamentals (1) - Honors Section
MSE 4910	Undergraduate Research (2)- Honors Section
MSE 4950	Honors Research II (3)
MSE 4970	Honors Thesis (1)

During this research sequence, students will have the opportunity to conduct research over four semesters with a faculty research mentor. The research project will begin in MSE 3910, normally taken in the first semester of the



junior year. Students will attend weekly meetings to gain basic skills needed to conduct research within the field of materials science and engineering, identify a faculty research mentor and outline their research objective/hypothesis. Students will also be asked to attend graduate research seminars. In most cases, the research faculty member will be from the Department of Materials Science and Engineering. If a student wishes to pursue a materials science research project with a faculty member outside of the department, it must be approved by the instructor of MSE 3910. Students will continue their research project by enrolling in MSE 4910 (Spring semester junior year) and MSE 4950 (fall semester of the senior year). It is expected that students will gain more independence as they progress through these classes. During the spring semester of the senior year, the Honors student will write their Honors thesis based on the research done in MSE 3910, MSE 4910 and MSE 4950 while enrolled within MSE 4970.

\*\* This class was previously numbered 4810.

### ***Mechanical Engineering***

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

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

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

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

## **College of Science**

### ***Biochemistry***

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

#### Research/thesis requirement

BCHM	4910	Requires at least two semesters of Honors research with 4 credits per semester (for a total of 8 credits) under the same faculty mentor. Only regular tenured or tenure-track faculty within the department may serve as a mentor for departmental Honors in biochemistry.
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BCHM	4920	Honors Thesis in Biochemistry (1) Lecture course requirement
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Three (3) additional hours from the following list of BCHM Honors courses:

BCHM	3010 Molecular Biochemistry (3)
	4310 Physical Approach to Biochemistry (3)

4320 Biochemistry of Metabolism (3)

4360 Molecular Biology: Genes to Proteins (3)

4400 Bioinformatics (3)

Requirements for Departmental Honors in Biochemistry include completion of a senior research thesis and an oral research presentation to the departmental faculty in a seminar setting. The research presentation and thesis are to be completed in the same semester either concurrent with or after the second semester of the required

BCHM 4910 Honors research. Students will register for BCHM 4920 in the semester they intend to write their thesis and present their research. The final thesis must be approved by the research advisor and the BCHM 4910 Honors coordinator, then submitted to the department and the Honors College in order for students to receive Departmental Honors.

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

*Up to eight credit hours of GEN/BCHM 4910 may be used towards the science requirement so that the total credits taken by Honors students need not be more than those taken by non-Honors students.*

To earn dual Departmental Honors in Biochemistry and Genetics, students must complete the lecture course requirements for both Biochemistry and Genetics Departmental Honors, three semesters of Honors research with four credits per semester (8 credits in biochemistry and four credits in genetics), and BCHM 4920.

### ***Biological Sciences***

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

BIOL 4910 Undergraduate Research in Biological Sciences (HON) (2-4) for a total of 6 credit hours taken

under a single research advisor for six consecutive semester hours.

BIOL 4980 Thesis in Biological Sciences (HON) (1). Taken the semester the thesis is written and presented.

A grade of Pass is required to receive Departmental Honors.

An additional 5 credit hours of Honors course work are required in BIOL at the 3000 level or higher. Contract

Honors courses are excluded. Honors courses in other departments require the pre-approval of the Department's

Honor Liaison.

Research results from BIOL 4910 (HON) are submitted as a thesis written in a style appropriate for publication and

presented in two open seminar forums: 1) at a national, regional, or local meeting and 2) at the Department of

Biological Sciences Undergraduate Research Symposium. Student theses are approved and submitted by the

research faculty mentor to the Department's Honors Liaison. Students are expected to choose and arrange to work

with a faculty research advisor prior to registering for the first semester of BIOL 4910 (HON).

### ***Chemistry***

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

CH 4430 Research Problems (3)

4440 Research Problems (3)

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

CH 3320 Physical Chemistry (3)

4010 Organometallic Chemistry (3)

4020 Inorganic Chemistry (3)

4040 Bioinorganic Chemistry (3)

4130 Chemistry of Aqueous Systems (3)

4210 Advanced Organic Chemistry (3)

4270 Organic Spectroscopy (3) 68

4350 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 4430/4440. Both semesters should be performed on a continuation of the same research project with the same advisor, since research of the caliber required for an Honors thesis cannot be completed in one semester. Therefore, students should make sure that the project embarked upon is one of interest and that s/he can work well with the advisor chosen by the student. In addition, the research advisor will choose an advisory committee of two other faculty members who will read the thesis and provide feedback. Students will write an interim paper at the end of CH 4430 and a full research paper at the end of CH 4440. The advisory committee will give an oral examination on the research project.

### ***Genetics***

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

#### Research/thesis requirement

GEN 4910 Requires at least two semesters of Honors research with 4 credits per semester (for a total of 8 credits) under the same faculty mentor. Only regular tenured or tenure-track faculty within the department may serve as mentor for departmental Honors in genetics.

GEN 4920 Honors Thesis in Genetics (1)

#### Lecture course requirement

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

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

Requirements for Departmental Honors in Genetics include completion of a senior research thesis and an oral research presentation to the departmental faculty in a seminar setting. The research presentation and thesis are to be completed in the same semester either concurrent with or after the second semester of the required GEN 4910 Honors research. Students will register for GEN 4920 in the semester they intend to write their thesis and present their research. The final thesis must be approved by the research advisor and the GEN 4910 Honors coordinator, then submitted to the department and the Honors College for students to receive Departmental Honors.

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.

Up to eight credit hours of GEN/BCHM 4910 may be used towards the science requirement so that the total credits taken by Honors students need not be more than those taken by non-Honors students. To earn dual Departmental Honors in Genetics and Biochemistry, students must complete the lecture course requirements for both Genetics and Biochemistry Departmental Honors, three semesters of Honors research with four credits per semester (8 credits in genetics and four credits in biochemistry), and GEN 4920.

### ***Mathematical Sciences***

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

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

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

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

### ***Microbiology***

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

MICR 4910      Undergraduate Research in Microbiology (HON) (2-4) for a total of 6 credit hours taken under a single research advisor for six consecutive hours.

MICR 4980      Thesis in Microbiology (HON) (1). Taken the semester the thesis is written and presented. A grade of Pass is required to receive Departmental Honors.

An additional 5 credit hours of Honors course work are required in MICR at the 4000 level or higher. Contract Honors courses are excluded. Honors courses in other departments require the pre-approval of the Department's

Honor Liaison.

Research results from MICR 4910 (HON) are submitted as a thesis written in a style appropriate for publication and presented in two open seminar forums: 1) at a national, regional, or local meeting and 2) at the Department of Biological Sciences Undergraduate Research Symposium. Student theses are approved and submitted by the research faculty mentor to the Department's Honors Liaison. Students are expected to choose and arrange to work with a faculty research advisor prior to registering for the first semester of MICR 4910 (HON).

### ***Physics***

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

PHYS	3000 Introduction to Research (2)
	4010 Senior Thesis (1-3) for a total of four to six credit hours over a period of two semesters

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

PHYS	3210 Mechanics I (3)
	3220 Mechanics II (3)
	3550 Modern Physics (3)
	4170 Introduction to Biophysics I (3)
	4410 Electromagnetics I (3)
	4420 Electromagnetics II (3)



- 4450 Solid State Physics I (3)
- 4460 Solid State Physics II (3)
- 4520 Nuclear and Particle Physics (3)
- 4550 Quantum Physics I (3)
- 4560 Quantum Physics II (3)
- 4650 Thermodynamics and Statistical Mechanics (3)

The Departmental Honors program in the Department of Physics and Astronomy is open to Honors College students in the Physics B.S. program with an emphasis in Physics and Astronomy.

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

You will identify a research mentor and take PHYS H4010 with that mentor. You will be required to do a literature survey of your chosen topic, participate in 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.