

# **A Review of Undergraduate Service Learning, Internship, and Individual Work/Research Opportunities at the University of Florida**

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## **Introduction**

In Spring 2008, an ad hoc student-faculty committee<sup>1</sup> at the University of Florida (UF) created an undergraduate interdisciplinary minor in sustainability studies, which will be offered to students beginning in Fall 2008. One of the unique components of the minor is “Sustainability in Action,” a capstone course that has a service learning, internship, or integrative research project component. Service learning is described as “a credit-bearing educational experience in which students participate in an organized service activity that meets identified community needs and reflect on the service activity in such a way as to gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of civic responsibility.”<sup>2</sup> In order to ensure the viability of this form of pedagogy at the enrollment levels expected for the new minor, we reviewed the service learning, internship, and individual work/research opportunities available to undergraduate students at UF in all colleges. The analysis is broken down by college<sup>3</sup> and department. For each department, various service learning, internship, and individual work/research opportunities for undergraduate students are listed, including a brief description and any applicable requirements. This information was gathered from department websites, the UF Registrar Course Catalog, and personal communications with department staff.

## **Conclusions and Recommendations**

Experiential learning and research are valuable components of higher education. From this analysis, it is clear that UF has the structure and opportunities in place to support the requirement of a service learning, internship, or integrative research component in a course of study. There are numerous internship and individual work/research opportunities available to students in each

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<sup>1</sup> Ad Hoc Student-Faculty Committee for the Creation of an Undergraduate Interdisciplinary Minor in Sustainability Studies (comprised of Mackenzie Ezell, 4 Engineering, Senate Sustainability Ad Hoc Committee Co-Chair; Jillian Peters, 4 Political Science, Student Government Environmental Affairs Secretary; Melissa Hochmuth, J.D. Candidate, UF Law Conservation Clinic; Leslie Thiele, Professor, Department of Political Science; and Thomas T. Ankersen, Legal Skills Professor and Provost’s Faculty Fellow for Sustainability)

<sup>2</sup> Bringle, R.G., & Hatcher, J.A. (1996). Implementing service learning in higher education. *Journal of Higher Education*, 67(2), 221-239, p. 222.

<sup>3</sup> There are ten Colleges at the University of Florida that serve undergraduate students, and numerous departments are housed within each College.

department for each undergraduate major. Internships allow students to gain work experience in their field of study. Many of the departments have resources to assist students in locating and completing an internship. Individual work/research opportunities allow students to explore in-depth a topic related to their field of study under the supervision of a faculty member. Most departments allow students to obtain academic credit for the completion of semester long internships and individual work/research activities.

Several of the UF colleges have service learning opportunities for their undergraduate students, and the Center for Leadership and Service in the Dean of Student's Office has a Service Learning Program. However, the analysis indicates that there are far fewer classroom based service learning opportunities than there are internship, co-op, and individual work/research opportunities. Because directed service learning programs can add pedagogical value to the service experience, students, UF, and the community could greatly benefit from the creation and expansion of service learning opportunities within each college. It would also be beneficial to create interdisciplinary service learning opportunities that integrate students and resources from different academic disciplines.

## List of Undergraduate Service Learning, Internship, and Individual Work/Research Opportunities by College and Department

The following charts list various service learning, internship, and individual work/research opportunities offered in each academic department at the University of Florida. The last chart shows campus-wide opportunities. For each opportunity, the description from the Undergraduate Course Catalog is listed, along with any other requirements. The charts also indicate whether the opportunity constitutes service learning (SL), an internship or work experience (IN), or an individual work/research opportunity (IW).\* While this compilation includes many of the opportunities available to students, it is not meant to include every service learning, internship, and individual work/research option offered. Students are encouraged to seek out service learning, internship, and individual work opportunities in their areas of interest and be creative in the development of their experiences.

\*Key: SL: Service Learning

IN: Internship or Co-op

IW: Individual Work/Research

*Note: The classification of the opportunity as service learning, internship, or individual work/research is subjective.*

College of AGRICULTURAL AND LIFE SCIENCES					
Department	Opportunity	SL	IN	IW	Requirements
Agricultural and Biological Engineering	<b>Internship Opportunities</b> ABE encourages all students to participate in a related summer job or internship as an important supplement to classroom education		✓		See <a href="http://www.abe.ufl.edu/academics/internships.php">http://www.abe.ufl.edu/academics/internships.php</a> .
	<b>ABE 4905 Individual Study in Agricultural and Biological Engineering</b> <i>Credits: 1 to 4.</i> Selected problems of projects in the student's major field of engineering study.			✓	Prereq: recommendation of department chair.
	<b>ABE 4912 Integrated Product and Processing Design 1 in Agricultural and Biological Engineering</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of Engineering and business students partner with industry sponsors to design and build authentic products and processes - on time and within budget.	✓			See department (CALs and/or Engineering) for details.

	<b>ABE 4913 Integrated Product and Process Design 2</b> <i>Credits: 3.</i> The second part of ABE4912-13 sequence.	✓			Prereq: ABE 4912
	<b>ABE 4949 Co-op Work Experience</b> <i>Credits: 1.</i> Practical engineering work under industrial supervision as set forth in the College of Engineering Regulations.	✓	✓		Prereq: EG classification; one term industrial employment, including extra work according to pre-approved outline.
	<b>AOM 4905 Special Problems in Agricultural Operations Management</b> <i>Credits: 1 to 4; maximum of 12 credits.</i> Selected problems or projects in the student's major field of mechanized study.			✓	Prereq: permission of chairperson or adviser.
	<b>AOM 4941 Full Time Practical Work Experience in Agricultural Operations Management</b> <i>Credits: 1 to 4.</i>	✓	✓		Prereq: prior arrangement with adviser, department permission.
	<b>PKG 4905 Individual Work in Packaging Science</b> <i>Credits: 1 to 6.</i> Special problems in packaging science.			✓	See department for details.
	<b>PKG 4941 Work Experience in Packaging Science</b> <i>Credits: 1 to 3.</i>	✓	✓		See department for details.
<b>Agricultural Education and Communication</b>	<b>AEE 4905 Individual Study</b> <i>Credits: 1 to 5.</i> Topics and special problems selected from such fields as 4-H and FFA work, demonstrations, farm and home management, rural development, and pre-school planning and post-school evaluation and planning.			✓	Prereq: instructor permission.
	<b>AEE 4942 Agricultural Education Internship</b> <i>Credits: 6 to 8.</i> An individualized program whereby students are apprenticed to proper officials to gain practical experience in agribusiness and natural resources education, agricultural and extension programs at the county level and/or agribusiness experience in selected agricultural organizations.		✓		Prereq: senior standing.
	<b>AEE 4943 Leadership Education Internship</b> <i>Credits: 4.</i> An individualized program whereby students are apprenticed to proper officials to gain practical experience in agricultural organizations, industry and/or the county extension program.		✓		Prereq: AEE 3200.

	<p><b>AEE 4944 Cooperative Extension Internship</b>  <i>Credits: 4 to 6.</i> The Cooperative Extension internship is designed to provide students with the opportunity to develop practical on-the-job supervised experience in Cooperative Extension-primarily at the county level.</p>		✓	Prereq: senior standing, AEE 3313; minimum 2.0 GPA.
	<p><b>AEE 4948 Agricultural Communication Internship</b>  <i>Credits: 3 to 6.</i> An individualized program whereby students gain supervised experience in agricultural communications including reporting, writing, editing, photography, graphics, broadcasting, advertising or public relations.</p>		✓	Prereq: 15 hours of communication courses with no grade below a C. Nine hours must include AEE 3070, AEE 4035 and JOU 3101.
<b>Agronomy</b>	<p><b>AGR 4905 Individual Study</b>  <i>Credits: 1 to 3.</i> Scientific study of individual problems in crop production, weed science, genetics or plant breeding.</p>		✓	Prereq: minimum of one course in agronomy and instructor permission.
<b>Animal Sciences</b>	<p><b>ANS 4905 Problems in Animal Science</b>  <i>Credits: 1 to 3; maximum 6 credits.</i> Qualified students will be assigned a problem involving care and management of livestock or the investigation of a current topic in animal science.</p>		✓	Prereq: instructor permission.
	<p><b>ANS 4941 Full-Time Practical Work Experience in Animal Science</b>  <i>Credits: 1 to 3.</i> Internship program.</p>		✓	Prereq: prior arrangements with adviser.
<b>Botany</b>	<p><b>BOT 4905 Individual Studies in Botany</b>  <i>Credits: 2 to 4; can be repeated with change in content up to 4 credits (i.e., a total of 8 credits).</i> Qualified students and an instructor choose a particular problem for study.</p>		✓	Prereq: at least 8 hours of botany.
<b>Entomology and Nematology</b>	<p><b>ENY 4905 Problems in Entomology</b>  <i>Credits: 1 to 5; can be repeated up to 5 credits.</i> Problems in any field of specialization in entomology and nematology.</p>		✓	Prereq: ENY 3005 and the basic course in selected specialization.
<b>Family Youth &amp; Community Services</b>	<p><b>FYC 4905 Individual Study in Family, Youth and Community Sciences</b>  <i>Credits: 1 to 3.</i> Selected topics and problems related to family, youth and community sciences and the student's specific area of interest.</p>		✓	See department for details.

	<b>FYC 4941 Practicum in Family, Youth and Community Sciences</b> <i>Credits: 3.</i> A work experience in a human/community services agency and a professional seminar to discuss student progress, workplace experiences and issues, and critical topics in professional development.	✓	✓	Prereq: FYC 3001, FYC 3101 or SYG 2430, and FYC 3201, FYC 3401, all with C or better.
	<b>SLS 4941 Internship for Non-profits</b> <i>Credits: 1-4.</i> The internship is considered the “capstone” experience for students in the organizational leadership for nonprofits minor.		✓	Prereq: FYC 3001 OR EDF 3110 FYC4409 OR EDA 4930.
<b>Fisheries and Aquatic Sciences</b>	<b>FAS 4905 Individual Study</b> <i>Credits: 1 to 4; can be repeated with change of topic up to 8 credits.</i> Individual study of a selected topic in fisheries and aquatic sciences as contracted with the instructor at the start of the term.			✓ Prereq: instructor permission.
<b>Food and Resource Economics</b>	<b>AEB 4905 Special Problems in Food and Resource Economics</b> <i>Credits: 1 to 3; can be repeated with change in content up to 6 credits.</i> Individual study in selected problem areas. Aspects of problems of interest to the student and agreeable to the instructor.			✓ Prereq: instructor permission.
	<b>AEB 4941 Full-Time Practical Work Experience in Food and Resource Economics</b> <i>Credits: 1 to 3.</i> Practical work must be a new experience and related to the field of study.	✓	✓	Prereq: prior arrangement with adviser, permission of undergraduate coordinator and dean.
<b>Food Science and Human Nutrition</b>	<b>DIE 4905 Problems in Dietetics</b> <i>Credits: 1 to 5; can be repeated up to 5 credits.</i> Individual research work in various phases of dietetics.			✓ See department for details.
	<b>FOS 4905 Special Problems in Food Science</b> <i>Credits: 1 to 5; can be repeated up to 5 credits.</i> Individual research work in various phases of food science.			✓ See department for details.
	<b>FOS 4941 Full-Time Practical Work Experience in Food Science</b> <i>Credits: 1 to 3.</i> One term employment in industry including extra work according to a pre-approved outline. Practical work under industrial supervision as set forth in College of Agricultural and Life Sciences regulations.	✓	✓	Prereq: prior arrangement with adviser, permission of department, major in FSHN.

	<b>HUN 4905 Special Problems in Human Nutrition</b> <i>Credits: 1 to 5; can be repeated up to 5 credits.</i> Individual research work in various phases of nutrition.			✓	Prereq: see department for details.
	<b>HUN 4941 Full Time Practical Work Experience in Human Nutrition</b> <i>Credits: 1 to 3.</i> One term employment in industry or the health field according to a pre-approved outline. Practical work under supervision as set forth in College of Agricultural and Life Sciences regulations.	✓	✓		Prereq: prior arrangement with adviser, permission of department, major in FSHN.
<b>Forest Resources and Conservation</b>	<b>FNR 4905 Individual Study</b> <i>Credits: 1 to 4.</i>			✓	Prereq: see department for details.
	<b>FOR 4905 Individual Study in Natural Resources</b> <i>Credits: 1 to 4; can be repeated with change of topic up to 8 credits.</i> Individual study of a selected topic related to forest resources and conservation as contracted with the instructor at the start of the term.			✓	Prereq: FY classification; see department for details. Department controlled.
	<b>FOR 4941 Internship in Natural Resources</b> <i>Credits: 1 to 4; can be repeated with change of experience up to 8 credits.</i> Supervision by a faculty member and a post-internship report are required.			✓	Prereq: FY classification; undergraduate coordinator permission. Department controlled.
	<b>FOR 4943C Senior Practicum in Natural Resources</b> <i>Credits: 1.</i> Senior level forest management project including information gathering and analyses, plan development and oral presentation.	✓			Prereq: 4FY and permission.
	<b>FOR 4944C Research Practicum in Forest Science</b> <i>Credits: 3.</i> Plan and conduct research under faculty supervision. Tailored for students desiring careers in forest science.			✓	Prereq: 4FY and permission.
	<b>SUR 4905 Special Problems in Geomatics</b> <i>Credits: 1 to 3.</i> Special problems or projects in the student's major field of study.			✓	Prereq: see department for details:
	<b>SUR 4949 Co-op Work Experience</b> <i>Credits: 1.</i> Practical field experience of sufficient academic rigor.	✓	✓		Prereq: FY-GEM classification.
<b>Horticultural Sciences</b>	<b>Internship Opportunities</b>		✓	See <a href="http://www.hos.ufl.edu/undergraduate/careers.htm">http://www.hos.ufl.edu/undergraduate/careers.htm</a> .	

	<b>FRC 4905 Independent Study in Fruit Crops</b> <i>Credits: 1 to 3.</i> Selected problems in one or more areas of fruit crops such as nutrition, varietal development, herbicides and other cultural treatments, physiology and postharvest handling.			✓	Prereq: instructor permission.
	<b>FRC 4941 Full-time Practical Work Experience in Fruit Crops</b> <i>Credits: 1 to 4.</i> Practical work that must be a new experience and related to the field of study.	✓	✓		Prereq: prior arrangement with adviser.
	<b>HOS 4905 Independent Study in Horticultural Science</b> <i>Credits: 1 to 6.</i> Selected research topics in molecular biology, physiology and/or genetics of horticultural crops.			✓	See department for details.
	<b>HOS 4941 Practical Work Experience in Horticultural Sciences</b> <i>Credits: 1 to 4.</i> Practical work that must be a new experience and related to the field of study.	✓	✓		Prereq: prior arrangement with adviser.
	<b>VEC 4905 Independent Study in Vegetable Crops</b> <i>Credits: 1 to 3; can be repeated to 3 credits.</i> Selected problems in one or more areas of vegetable crops such as nutrition, varietal development, herbicides, and other cultural treatments, physiology and postharvest handling.			✓	Prereq: instructor permission.
<b>Environmental Horticulture</b>	<b>Internship Opportunities</b>		✓		See <a href="http://hort.ifas.ufl.edu/education/internindex.htm">http://hort.ifas.ufl.edu/education/internindex.htm</a> .
	<b>ORH 4905 Independent Study of Environmental Horticulture</b> <i>Credits: 1 to 4.</i> Three topics for independent study: Research investigation which may include review of literature, drafting of proposal, conduct of an experiment, collection of data, summation and interpretation of results and preparation of a report; Library or Studio Assignment, including analysis of several sources of information on a specific topic with a written evaluation and list of conclusions prepared; Assist in teaching laboratory of selected courses in environmental horticulture.			✓	Prereq: permission of instructor.
	<b>ORH 4941 Practical Work Experience</b> <i>Credits: 1 to 3.</i> Practical work must be a new experience and related to student's field of study. A written and oral report is required.	✓	✓		Prereq: prior arrangement with adviser, approval of department chair and dean.

<b>Microbiology and Cell Science</b>	<b>MCB 4905 Undergraduate Research</b> <i>Credits: 1 to 4; can be repeated up to 10 credits.</i> Individual laboratory research under the close guidance of a selected faculty member.			✓	Prereq: permission of undergraduate adviser. Enrollment limited to undergraduate majors in Microbiology.
	<b>MCB 4941 Microbiology and Cell Science Internship</b> <i>Credits: 1 to 4.</i>			✓	See department for details.
<b>Natural Resources and Environment</b>	<b>EVS 4949 Environmental Science Internship</b> <i>Credits: 1 to 3; can be repeated up to 3 credits.</i> Employment or volunteer work in a natural resource- or environment-related business or government agency, with job description related to field of study and written work report of each term's activities.			✓	Prereq: NE classification and permission of dean. May be counted as a major elective or free elective.
<b>Plant Pathology</b>	<b>PLP 4905 Problems in Intermediate Plant Pathology</b> <i>Credits: 1 to 4.</i> Individual study and research in areas of special interest to undergraduate students whose major field is plant pathology.			✓	Prereq: PLP 3002 or the equivalent.
<b>Soil and Water Science</b>	<b>SOS 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated with change in content up to 6 credits.</i> Selected topics for qualified students.			✓	Prereq: 8 hours of soils and instructor permission.
	<b>SOS 4941 Full Time Practical Work Experience in Soil and Water Science</b> <i>Credits: 1 to 3.</i> Practical work must be a new experience and related to field of study.	✓	✓		Prereq: prior arrangement with adviser, permission of department and dean.
<b>Wildlife Ecology and Conservation</b>	<b>WEC Internship Program</b>			✓	See <a href="http://www.wec.ufl.edu/undergrad/internships.php">http://www.wec.ufl.edu/undergrad/internships.php</a> .
	<b>WIS 4905 Individual Problems</b> <i>Credits: 1 to 4; can be repeated with change in content up to 8 credits.</i> Individual study of a selected topic related to wildlife ecology and conservation as contracted with the instructor at the start of the term.			✓	Prereq: instructor permission.
	<b>WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation</b> <i>Credits: 1 to 4; can be repeated with change of experience up to 8 credits.</i>	✓	✓		See department for details.
<b>MISC.</b>	<b>CALS iCenter (Internship Database)</b> consisting of approximately 1,000 internships for Agricultural, Environmental, and Life Science students.			✓	See <a href="http://www.cals.ufl.edu/icenter/">http://www.cals.ufl.edu/icenter/</a> .
	<b>Extension Internship Program</b>			✓	See <a href="http://extadmin.ifas.ufl.edu/internship_program.shtml">http://extadmin.ifas.ufl.edu/internship_program.shtml</a> .

	<b>Florida Project Learning Tree</b> Service learning opportunities.	✓			See <a href="http://www.dso.ufl.edu/cls/programs/servicelearning/">http://www.dso.ufl.edu/cls/programs/servicelearning/</a> .
	<b>ALS 4905 Problems in Agriculture</b> <i>Credits: 1 to 3; can be repeated with a change in content up to 6 credits.</i> Individual study in agriculture.			✓	Prereq: permission of dean and instructor.
	<b>ALS 4921 Honors Colloquium</b> <i>Credits: 3.</i> This course is designed to stimulate exceptional students from a variety of backgrounds to think creatively about real world problems that threaten the sustainability of today's society. Creative but practical problem solving emphasizing critical thinking, critical appreciation of epistemological diversity, and the need for better communication is stressed. During the second and third sections of the course, invited guest speakers provide the basis for examination of intra- versus inter- and trans-disciplinary approaches to problem solving. Students will see how their own work (honors projects, proposed graduate and professional study, and career goals) can contribute meaningfully to attainment of societal goals.	✓		✓	Prereq: must be admitted to the College of Agricultural and Life Sciences' honors program.
	<b>ALS 4941 Full-time Practical Work Experience in Agriculture</b> <i>Credits: 1 to 4.</i> Variable subject content providing for the study of agricultural topics not offered in other courses.	✓	✓		Prereq: prior arrangement with adviser and dean's office.

Warrington College of BUSINESS ADMINISTRATION					
Department	Opportunity	SL	IN	IW	Requirements
<b>Accounting</b>	<b>ACG 4941 Supervised Accounting Internship</b> <i>Credits: 2 to 4.</i> Applied work in professional accounting.		✓		Prereq: permission of accounting internship coordinator. Advance approval is required.
<b>Economics</b> <i>*Also offered in</i>	<b>Department of Economics Research Centers</b>	✓		✓	See <a href="http://www.cba.ufl.edu/eco/centers/">http://www.cba.ufl.edu/eco/centers/</a> .

CLAS	<b>ECO 4905 Individual Work</b> <i>Credits: 1 to 4; can be repeated with change in content up to 10 credits. For advanced undergraduates who need to supplement regular coursework by individual studies under guidance.</i>			✓	Prereq: senior standing, 10 hours of economics and department permission.
	<b>ECO 4941 Internship in Economics</b> <i>Credits: 1 to 3; can be repeated with a change in content up to 6 credits. Applied work in economics.</i>			✓	Prereq: consent of department chair. See <a href="http://www.cba.ufl.edu/eco/docs/udg_internship_guidelines.pdf">http://www.cba.ufl.edu/eco/docs/udg_internship_guidelines.pdf</a> .
Finance, Insurance & Real Estate	<b>Department of Finance, Insurance &amp; Real Estate Research Centers</b>	✓		✓	See <a href="http://www.cba.ufl.edu/fire/faculty/centers.asp">http://www.cba.ufl.edu/fire/faculty/centers.asp</a> .
	<b>GatorNest</b> <i>Credits: 2 general elective. A hands-on learning experience for those who want to make a difference with a real company.</i>	✓			See <a href="http://www.gatornest.net/public/index.cfm">http://www.gatornest.net/public/index.cfm</a> .
	<b>Center For Entrepreneurship &amp; Innovation Internships</b>			✓	See <a href="http://www.cba.ufl.edu/fire/entrepreneurship/cei/internships.asp">http://www.cba.ufl.edu/fire/entrepreneurship/cei/internships.asp</a> .
	<b>FIN 4905 Independent Research</b> <i>Credits: 1 to 4; can be repeated with a change in content up to 6 credits.</i>			✓	Prereq: senior standing and previous work in the area selected for research. Admission is by the permission of the department.
	<b>FIN 4941 Internship in Finance</b> <i>Credits: 1 to 3; can be repeated with change in content up to 6 credits. Applied work in finance.</i>			✓	Prereq: consent of department chair.
	<b>REE 4905 Independent Research</b> <i>Credits: 1 to 4; can be repeated with change in content.</i>			✓	Prereq: senior standing and previous work in the area selected for research. Admission is by instructor permission with approval of the department chair.
	<b>RMI 4905 Independent Research</b> <i>Credits: 1 to 4.</i>			✓	Prereq: see department for details.
Information Systems and Operations Management	<b>QMB 4905 Individual Work in Decision and Information Sciences</b> <i>Credits: 1 to 5; can be repeated with change in content up to 5 credits. Reading and/or research in decision and information sciences.</i>			✓	Prereq: senior standing and department permission.
	<b>QMB 4941 Internship in Decision and Information Sciences</b> <i>Credits: 1 to 3; can be repeated with change in content up to 6 credits. Applied work in decision and information sciences.</i>			✓	Prereq: consent of department chair.
Management	<b>Management Research Centers</b>	✓		✓	See <a href="http://www.cba.ufl.edu/mang/centers/">http://www.cba.ufl.edu/mang/centers/</a> .

	<b>BUL 4905 Individual Study</b> <i>Credits: 1 to 5; can be repeated with change in content up to 6 credits.</i>		✓	Prereq: BUL 4310, senior standing or instructor permission.
	<b>MAN 4905 Individual Work in Management</b> <i>Credits: 1 to 5; can be repeated with change in content up to 6 credits.</i>		✓	Prereq: senior standing and department permission.
	<b>MAN 4941 Internship in Management</b> <i>Credits: 1 to 3; can be repeated with a change in content up to 6 credits.</i> Applied work in management.		✓	Prereq: department permission.
<b>Marketing</b>	<b>MAR 4905 Independent Study</b> <i>Credits: 1 to 4; can be repeated with a change in content up to 9 credits.</i>		✓	Prereq: senior standing and previous work in the areas selected for research. Admission is by permission of the department.
	<b>MAR 4941 Internship in Marketing</b> <i>Credits: 1 to 3; can be repeated once (unless MAR 4945 has already been taken) with change in content up to 6 credits.</i> Applied work in marketing.		✓	Prereq: department permission.
<b>MISC.</b>	<b>MyWCBA Internships</b>		✓	See <a href="http://www.cba.ufl.edu/upb/mywcba/internships.asp">http://www.cba.ufl.edu/upb/mywcba/internships.asp</a> .
	<b>GEB 4905 Individual Work</b> <i>Credits: 1 to 4; can be repeated with a change in content up to 6 credits.</i> Reading and/or research in business administration.		✓	Prereq: see department for details.
	<b>GEB 4906 Independent Study</b> <i>Credits: 1 to 4; can be repeated with a change in content up to 4 credits.</i> Reading and research in business administration.		✓	Prereq: see department for details.
	<b>GEB 4941 Internship in Business Administration</b> <i>Credits: 1 to 4; can be repeated with change in content up to 8 credits.</i> Applied work in business administration.		✓	Prereq: consent of the director for undergraduate programs.

Department	Opportunity	SL	IN	IW	Requirements
Architecture	<b>Special Academic Programs</b>	✓	✓	✓	See <a href="http://www.dcp.ufl.edu/arch/main/special-programs_programs.htm">http://www.dcp.ufl.edu/arch/main/special-programs_programs.htm</a> .
	<b>Preservation Institute: Caribbean</b> <i>Credits: up to 9; 6 credits are earned for the basic course in Guadalajara and successful completion of work upon return to the US. Additional credits can be earned through an individual research project based on studio issues.</i> The Preservation Institute: Caribbean (PI:C) engages in research and field work at different venues within the Caribbean zone, such as Florida, Barbados, Jamaica and Mexico. A traveling design workshop.			✓	See <a href="http://pic.dcp.ufl.edu/html/concept.htm">http://pic.dcp.ufl.edu/html/concept.htm</a> .
	<b>Vicenza Institute of Architecture</b> This travel-intensive program recognizes the importance of the physical experience of the latest innovations in architectural design as an integral part of a designer's education.			✓	See <a href="http://www.dcp.ufl.edu/arch/curriculum/via/">http://www.dcp.ufl.edu/arch/curriculum/via/</a> .
	<b>Research and Education Center for Architectural Preservation</b> The Research and Education Center for Architectural Preservation (RECAP) sponsors educational programs and conducts funded research activities throughout Florida in a broad range of inter-disciplinary preservation-related fields working with both private and public clients.	✓		✓	See <a href="http://www.dcp.ufl.edu/hp/hp_recap.aspx">http://www.dcp.ufl.edu/hp/hp_recap.aspx</a> .
	<b>Citi-Lab Orlando</b> Citi-Lab Orlando is an interdisciplinary design and research center, sponsored by the University of Florida, School of Architecture, and focused upon the project of the contemporary American city. Citi-lab proposes to link the multivalent resources of the academic community, the public sector and private industry in order to offer innovative and visionary solutions to the problems and opportunities within the built environment.	✓		✓	See <a href="http://citi-lab.dcp.ufl.edu/index.htm">http://citi-lab.dcp.ufl.edu/index.htm</a> .
	<b>Building Construction</b>	<b>Internship Opportunities</b>		✓	
	<b>Structured Summer Internship Program</b>		✓		See <a href="http://www.bcn.ufl.edu/current/internships.htm">http://www.bcn.ufl.edu/current/internships.htm</a> . See <a href="http://www.bcn.ufl.edu/current/InternshipProgram.pdf">http://www.bcn.ufl.edu/current/InternshipProgram.pdf</a> .

	<p><b>Center for Collective Protection in the Built Environment</b> The Center for Collective Protection develops technology, planning and design guidance to enhance the nation's ability to mitigate the consequences of natural and human-caused hazards within the built environment.</p>			✓	See <a href="http://www.bcn.ufl.edu/centers/">http://www.bcn.ufl.edu/centers/</a> .
	<p><b>Fluor Program for Construction Safety and Loss Control</b> The Center for Construction Safety and Loss Control has a primary objective of being a leader on matters related to construction safety. Information that is gleaned through research is disseminated through various classes and publications.</p>			✓	See <a href="http://web.dcp.ufl.edu/hinze/center.htm">http://web.dcp.ufl.edu/hinze/center.htm</a> .
	<p><b>Powell Center for Construction and Environment</b> The mission of the Powell Center for Construction and Environment is to foster the implementation of sustainability principles into the creation of the built environment internationally.</p>			✓	See <a href="http://www.cce.ufl.edu/">http://www.cce.ufl.edu/</a> .
	<p><b>Shimberg Center for Affordable Housing</b> The Shimberg Center, working with the UF County Extension Service, has constructed a state wide network of regional Windstorm Damage Mitigation Training and Demonstration Centers. Education and outreach programs are developed for audiences ranging from craftsmen and designers to builders, building officials, and the public.</p>	✓		✓	See <a href="http://www.shimberg.ufl.edu/">http://www.shimberg.ufl.edu/</a> .
	<p><b>BCN 4787C Construction Capstone Project</b> <i>Credits: 3.</i> A construction project will be simulated with each student being responsible for designing, developing, estimating, scheduling, contracting and administering the work for the completion of a small commercial, residential, or light industrial project.</p>	✓		✓	Prereq: BCN 4612C, BCN 4720, BCN 4753 and senior standing.
	<p><b>BCN 4905 Special Studies in Construction</b> <i>Credits: 1 to 4.</i> Special areas of study in construction adjusted to the needs of individual students.</p>			✓	See department for details. Enrollment upon recommendation of director only.
	<p><b>BCN 4949 Construction Management Internship</b> <i>Credits: 3.</i> Minimum two-term employment in construction management.</p>		✓		See department for details. Requires advance approval.
Interior Design	<p><b>IND 3905 Individual Studies in Interior Design</b> <i>Credits: 1 to 6; can be repeated for up to 6 credits.</i> Special areas of study in interior design adjusted to the needs of the individual student.</p>			✓	Prereq: consent of department chair.

	<b>IND 4940 Interior Design Internship</b> <i>Credits: 2 to 4.</i> Provides opportunities to work in architectural and interior design offices gaining hands-on professional experience working up to 12 weeks.		✓		Prereq: IND 3216, IND 3424, IND 3505.
Landscape Architecture	<b>LAA 4353C Urban Design Studio</b> <i>Credits: 6.</i> Design studio emphasizing the physical, social-behavioral, and civil factors involved with the design and planning of towns, cities and the public space found therein.			✓	Prereq: LAA 3352C.
	<b>LAA 4358 Senior Independent Project</b> <i>Credits: 8.</i> This final semester-long project allows students to expand personal interests and talents, to hone decision-making abilities, and to sharpen professional skills through well-rounded, comprehensive completion of individual projects.	✓		✓	Prereq: completion of all previous design studios and construction courses.
	<b>LAA 4905 Special Studies in Landscape Architecture</b> <i>Credits: 1 to 6; can be repeated with a change in content up to 6 credits.</i> Studio investigations of special topics in landscape architecture adjusted to individual needs of advanced undergraduate and graduate students.			✓	Prereq: instructor permission.
	<b>LAA 4940 Landscape Architecture Internship</b> <i>Credits: 3; can be repeated with a change in content up to 6 credits.</i> Internship in a private/public sector office under the direction of a registered landscape architect.		✓		See department for details. See <a href="http://www.dcp.ufl.edu/landscape/classes/4940.aspx">http://www.dcp.ufl.edu/landscape/classes/4940.aspx</a> .
	<b>LAA 4941C Extended Internship with Landscape Architect</b> <i>Credits: 9.</i> Internship in a private/public sector office under the direction of a registered landscape architect.		✓		Coreq: LAA 4940. See <a href="http://www.dcp.ufl.edu/landscape/classes/4941c.aspx">http://www.dcp.ufl.edu/landscape/classes/4941c.aspx</a> .
	<b>Center for Building Better Communities</b> Provides educational and research opportunities in economic and community development, for students by working with communities throughout Florida. Projects have included a redevelopment plan for a historic downtown district, an economic development plan for a county under urbanization pressures, and a grants writing workshop for community development practitioners.	✓		✓	See <a href="http://www.dcp.ufl.edu/urp/research/centers/cbbc.aspx">http://www.dcp.ufl.edu/urp/research/centers/cbbc.aspx</a> .
Urban and Regional Planning	<b>Geo-Facilities Planning and Information Research Center (GeoPlan)</b> The Center was developed as a response to the need for a teaching and research environment in Geographic Information Systems, or GIS.			✓	See <a href="http://www.geoplan.ufl.edu/">http://www.geoplan.ufl.edu/</a> .

	<b>Community Outreach Partnership Program</b> COPP is a response to the increasingly challenging growth management and community development issues facing Florida communities and to the emerging concepts of sustainable development, smart growth and livable communities.	✓		✓	See <a href="http://www.geoplan.ufl.edu/classes/copp/">http://www.geoplan.ufl.edu/classes/copp/</a> .
	<b>Florida D.O.T.: Traffic and Bicycle Safety Education Program</b> The primary role of this project is to promote safe walking and bicycling in educational settings throughout the State of Florida.	✓		✓	See <a href="http://www.dcp.ufl.edu/centers/trafficsafetyed/">http://www.dcp.ufl.edu/centers/trafficsafetyed/</a> .
	<b>URP 4905 Special Studies</b> <i>Credits: 1 to 3; maximum 6 credits.</i> Lecture, studio, seminar or current interest in urban planning. Topics vary by semester and range from geographic information systems to transportation planning.			✓	See department for details.
<b>MISC.</b>	<b>College Institutes, Centers &amp; Research Programs</b>	✓	✓	✓	See <a href="http://www.dcp.ufl.edu/research/centers.aspx">http://www.dcp.ufl.edu/research/centers.aspx</a> .
	<b>Studio Experiences</b> There are several studio experiences offered by the departments that may encompass internship, service learning, or individual work opportunities.	✓	✓	✓	See departments for details.
	<b>Historic Preservation Studies</b>	✓	✓	✓	See <a href="http://www.dcp.ufl.edu/hp/">http://www.dcp.ufl.edu/hp/</a> .

College of EDUCATION						
Department	Opportunity	SL	IN	IW	Requirements	
<b>Counselor Education</b>	<b>MHS 4900 Individual Work</b> <i>Credits: 2 to 4; maximum of 8 credits.</i> Topics will vary.			✓	Prereq: department permission.	
<b>Educational Administration and Policy</b>	<b>EDA 4905 Individual Work</b> <i>Credits: 1 to 3.</i>			✓	Prereq: instructor permission and approval of proposed project.	
<b>Educational Psychology</b>	<b>EDF 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated with change in content up to 12 credits.</i> For undergraduate students of junior/senior status who wish to explore areas of inquiry in psychological, social, or philosophical foundations of education, or research or measurement, under faculty guidance.			✓	See department for details.	
<b>School of Teaching and Learning</b>	Various <b>practicum courses</b> where students gain field experience in a classroom setting.	✓	✓		See department for details.	

	<b>Internships</b> in student teaching as part of program plan.		✓		See department for details.
	<b>EDE 4905 Individual Study</b> <i>Credits: 1 to 3.</i> Open only to selected undergraduate students who wish to study an individual problem in depth which relates to their preparation as teachers. The project must be approved and supervised by a department faculty member.			✓	See department for details.
	<b>ESE 4905 Individual Study</b> <i>Credits: 1 to 4; can be repeated with change in content up to 10 credits.</i> Open only to selected undergraduate students who wish to study an individual problem in depth which relates to their preparation as secondary education teachers. The project must be approved and supervised by a department faculty member.			✓	See department for details.
<b>Special Education</b>	<b>EEX 4703 Application Experience: Theory to Practice</b> <i>Credits: 1 to 2.</i> This repeating course provides students with opportunities to plan, implement, and evaluate strategies learned in coursework in a classroom environment.	✓	✓		Prereq: admission to B.S. in Early Childhood Studies.
	<b>EEX 4812 Practicum in Early Childhood Special Education</b> <i>Credits: 3.</i> Students will conduct informal assessments, will plan an intervention program, and will provide intervention to young children with disabilities.	✓	✓		See department for details.
	<b>EEX 4905 Individual Study</b> <i>Credits: 1 to 6.</i> Open only to undergraduates who wish to study a problem in depth that relates to their preparation as special education teachers. The project must be approved and supervised by department faculty.			✓	See department for details.

College of ENGINEERING					
Department	Opportunity	SL	IN	IW	Requirements
<b>Agricultural and Biological Engineering</b> <i>*Also offered in CALS</i>	See Agricultural and Biological Engineering section under College of Agricultural and Life Sciences				
<b>Chemical Engineering</b>	<b>Research Areas</b>			✓	See <a href="http://www.che.ufl.edu/research/">http://www.che.ufl.edu/research/</a> .
	<b>Interdisciplinary Centers and Laboratories</b>			✓	See <a href="http://www.che.ufl.edu/research/centers.html">http://www.che.ufl.edu/research/centers.html</a> .
	<b>Practical Work Experience (Internship)</b>		✓		See <a href="http://undergraduate.che.ufl.edu/coop_intern/internship.html">http://undergraduate.che.ufl.edu/coop_intern/internship.html</a> .
	<b>Co-operative Work Experience</b>	✓	✓		See <a href="http://undergraduate.che.ufl.edu/coop_intern/coop.html">http://undergraduate.che.ufl.edu/coop_intern/coop.html</a> .

	<b>ECH 4905 Special Problems in Chemical Engineering</b> <i>Credits: 1 to 6; can be repeated to a maximum of 12 credits.</i>		✓	See department for details.
	<b>ECH 4912 Integrated Product and Process Design 1</b> <i>Credits: 3. The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic product and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.</i>	✓	✓	Prereq: senior standing.
	<b>ECH 4913 Integrated Product and Process Design 2</b> <i>Credits: 3. The second part of a two-course sequence.</i>	✓	✓	Prereq: senior standing.
	<b>ECH 4944 Practical Work in Chemical Engineering</b> <i>Credits: 1 to 5. One term industrial employment, including extra work according a pre-approved outline. Practical engineering work under industrial supervision as set forth in college regulations.</i>		✓	Prereq: EG classification.
	<b>ECH 4948 Internship Work Experience</b> <i>Credits: 1. Practical internship work experience under approved industrial supervision, as set forth in college regulations.</i>		✓	Prereq: EG classification.
	<b>ECH 4949 Co-op Work Experience</b> <i>Credits: 1. Practical co-op work experience under approved industrial supervision, as set forth in College Regulations.</i>		✓	Prereq: EG classification.
<b>Civil and Coastal</b>	<b>Active Research Projects</b>		✓	See <a href="http://www.ce.ufl.edu/activeprojects.html">http://www.ce.ufl.edu/activeprojects.html</a> .

<b>Engineering</b>	<b>Research and Service Centers</b>	✓	✓	See <a href="http://www.ce.ufl.edu/centers.html">http://www.ce.ufl.edu/centers.html</a> .
	<b>CGN 4905 Special Problems in Civil Engineering</b> <i>Credits: 1 to 4; maximum of 9 credits.</i> Selected problems or projects in the student's major field of engineering study.		✓	Prereq: recommendation of undergraduate coordinator.
	<b>CGN 4949 Co-op Work Experience</b> <i>Credits: 1.</i>	✓		Prereq: EG classification.
<b>Computer and Information Science and Engineering</b>	<b>Co-op/Internship Program – CISE</b> offers students an opportunity to integrate classroom instruction with practical work experience. The Co-Op/Internship program gives students the opportunity to verify academic and vocational interests, gain valuable experience in the chosen field prior to graduation, and earn income that can be used to defray college expenses. The work experience is conducted under approved industrial, business, institutional, or governmental agency supervision.		✓	See department for details.
	<b>Research Centers and Labs</b>		✓	See <a href="http://www.cise.ufl.edu/research.shtml">http://www.cise.ufl.edu/research.shtml</a> .
	<b>Research Projects</b>		✓	See <a href="http://www.cise.ufl.edu/projects/">http://www.cise.ufl.edu/projects/</a> .
	<b>CIS 4905 Individual Study in CISE</b> <i>Credits: 1 to 4; can be repeated with change in content up to 8 credits.</i> Problems in different areas of computer science.		✓	See department for details.

	<b>CIS 4912C Integrated Product and Process Design 1</b> <i>Credits: 3.</i> The first part of a two-course sequence where teams of engineering and business students partner with industry sponsors to design and build authentic products and processes. Working closely with an industry liaison engineer and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills. Weekly workshop activities adapt lecture topics to individual projects. Students learn firsthand how to develop products and processes that meet customer requirements on time and within budget.	✓	✓	Prereq: CDA 3101, COP 3530, COT 3100 and instructor permission.
	<b>CIS 4913C Integrated Product and Process Design 2</b> <i>Credits: 3.</i> The second part of the CIS 4912-4913 sequence.	✓	✓	Prereq: CIS 4912C.
	<b>CIS 4914 Senior Project</b> <i>Credits: 3.</i> Involves completing a significant CISE-related project. Student must coordinate with the instructor and a project adviser, prepare a detailed technical report and deliver an oral presentation.	✓	✓	Prereq: senior CISE standing and approved project proposal.
	<b>CIS 4940 Practical Work</b> <i>Credits: 1; can be repeated for credit.</i> One term practical software engineering work under industrial supervision as set forth in the College of Engineering regulations.		✓	See department for details.
	<b>CIS 4949 Co-Op Work in CISE</b> <i>Credits: 1.</i> Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.		✓	See department for details.

<b>Electrical and Computer Engineering</b>	<b>Internship Opportunities</b> Department of Electrical and Computer Engineering offers students an opportunity to integrate classroom instruction with practical work experience. The program gives students the opportunity to verify academic and vocational interests, gain valuable experience in the chosen field prior to graduation, and earn income that can be used to defray college expenses.		✓		See <a href="http://www.ece.ufl.edu/academics/undergraduate/internship/main.htm">http://www.ece.ufl.edu/academics/undergraduate/internship/main.htm</a> .
	<b>Research Centers and Labs</b>			✓	See <a href="http://www.ece.ufl.edu/research/main.html">http://www.ece.ufl.edu/research/main.html</a> .
	<b>EEL 4905 Individual Problems in Electrical Engineering</b> <i>Credits: 1 to 4; can be repeated with a change in content up to 4 credits.</i>			✓	See department for details.
	<b>EEL 4912 Integrated Product and Process Design 1</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓		✓	Prereq: EEL 3304C and EEL 3701C.
	<b>EEL 4913 Integrated Product and Process Design 2</b> <i>Credits: 3.</i>	✓		✓	Prereq: EEL 4912.
	<b>EEL 4948 Practical Work in Electrical and Computer Engineering</b> <i>Credits: 1.</i> One term industrial employment, including extra work according to a pre-approved outline. Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.			✓	Prereq: 3EG classification.

	<b>EEL 4949 Co-op Work Experience</b> <i>Credits: 1.</i> Practical co-op engineering work under approved industrial supervision.		✓		Prereq: EG classification.
<b>Environmental Engineering Sciences</b>	<b>Internships and Co-ops</b>		✓		See <a href="http://www.ees.ufl.edu/financial/internships.asp">http://www.ees.ufl.edu/financial/internships.asp</a> .
	<b>Interdisciplinary Research Centers</b>			✓	See <a href="http://www.ees.ufl.edu/programs/centers.asp">http://www.ees.ufl.edu/programs/centers.asp</a> .
	<b>Department Research</b>			✓	See <a href="http://www.ees.ufl.edu/research/default.asp">http://www.ees.ufl.edu/research/default.asp</a> .
	<b>ENV 4905 Individual Studies in Environmental Engineering Sciences</b> <i>Credits: 1 to 4.</i> Selected problems or projects in the student's major field of study.			✓	See department for details.
	<b>ENV 4912 Integrated Product and Process Design 1 - Environmental Engineering Sciences</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓		✓	Prereq: ENV 4514C Coreq: either ENV 4121 or ENV 4351.
	<b>ENV 4913 Integrated Product and Process Design 2 - Environmental Engineering Sciences</b> <i>Credits: 3.</i> The second part of ENV 4912-4913 sequence.	✓		✓	Prereq: ENV 4912.
	<b>ENV 4949 Co-op Work Experience</b> <i>Credits: 1.</i> One term industrial employment including extra work according to a pre-approved outline. Practical engineering work under industrial supervisor, as set forth in the College of Engineering regulations.			✓	Prereq: EG classification.

<b>Industrial and Systems Engineering</b>	<b>Integrated Product and Process Design Program</b> New and innovative educational initiative at the College of Engineering, University of Florida. Our students work in small multidisciplinary teams under the guidance of faculty coaches and industrial liaison engineers to design and build authentic industrial products for sponsoring companies.	✓	✓	See <a href="http://www.ippd.ufl.edu/">http://www.ippd.ufl.edu/</a> .	
	<b>Research Centers and Labs</b>		✓	See <a href="http://www.ise.ufl.edu/research/centerslabs.asp">http://www.ise.ufl.edu/research/centerslabs.asp</a> .	
	<b>EIN 4905 Special Problems in Industrial and Systems Engineering</b> <i>Credits: 1 to 4; can be repeated up 9 credits.</i> Problems and systems studies associated with honors programs representing undergraduate research. Selected advanced topics including new developments and techniques in industrial and systems engineering.			✓	See department for details.
	<b>EIN 4912 Integrated Product and Process Design 1</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓		✓	Prereq: EIN 4354; Coreq: EIN 4365 and ESI 4221C.
	<b>EIN 4913 Integrated Product and Process Design 2</b> <i>Credits: 3.</i> The second part of EIN 4912-4913 sequence.	✓		✓	Prereq: EIN 4912.

	<b>EIN 4944 Practical Work in Industrial and Systems Engineering</b> <i>Credits: 1 to 3; maximum 3 credits.</i> One term of industrial employment, including extra work according to a pre-approved outline. Practical engineering work under industrial supervision as set forth in the College of Engineering regulations.		✓		Prereq: 4EG standing.
	<b>ESI 4949 Co-Op Work Experience</b> <i>Credits: 1; maximum 3 credits.</i> Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.		✓		See department for details.
<b>Materials Science and Engineering</b>	<b>Internships and Co-ops</b>		✓		See <a href="http://www.mse.ufl.edu/current/internships.php">http://www.mse.ufl.edu/current/internships.php</a> .
	<b>Research Centers and Opportunities</b>			✓	See <a href="http://www.mse.ufl.edu/current/research/">http://www.mse.ufl.edu/current/research/</a> . See <a href="http://www.mse.ufl.edu/current/ugrad_research.php">http://www.mse.ufl.edu/current/ugrad_research.php</a> .
	<b>EMA 4905 Individual Work</b> <i>Credits: 1 to 4; maximum of 8 credits; can be repeated for credit with change in content.</i> Selected problems or projects in the student's major field of engineering study.			✓	See department for details.
	<b>EMA 4915 Integrated Product and Process Design Program 1</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓		✓	See department for details
	<b>EMA 4916 Integrated Product and Process Design Program 2</b> <i>Credits: 3.</i> Second part of EMA 4915-4916 sequence.	✓		✓	See department for details.

	<b>EMA 4949 Co-Op Work Experience</b> <i>Credits: 1.</i> Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.		✓		Prereq: one term industrial employment, including extra work according to a pre-approved outline.
<b>Mechanical and Aerospace Engineering</b>	<b>Research Programs</b>			✓	See <a href="http://www.mae.ufl.edu/research_programs.asp">http://www.mae.ufl.edu/research_programs.asp</a> .
	<b>EAS 4905 Individual Study in Aerospace Engineering</b> <i>Credits: 1 to 4; can be repeated up to 8 credits.</i> Selected problems or projects in the student's major field of engineering study.			✓	Prereq: recommendation of department chair.
	<b>EAS 4912 Integrated Product and Process Design 1</b> <i>Credits: 3.</i> The first of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓		✓	Prereq: EAS 4101, EGM 3520 and EML 3301C.
	<b>EAS 4913 Integrated Product and Process Design 2</b> <i>Credits: 3.</i> The second part of a two-course sequence.	✓		✓	Prereq: EAS 4912.
	<b>EAS 4949 Co-op Work Experience</b> <i>Credits: 1.</i> Practical engineering work under industrial supervision, as set forth in the college regulations.			✓	Prereq: 2EG classification.
	<b>EGM 4905 Individual Study in Engineering Science and Mechanics</b> <i>Credits: 1 to 4; can be repeated up to 8 credits.</i> Selected problems or projects in the student's major field of engineering study.				✓

	<p><b>EGM 4912 Integrated Product and Process Design 1</b>  <i>Credits: 3.</i> A two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.</p>	✓		✓	Prereq: EGM 3520 and EGN 3353C.
	<p><b>EGM 4913 Integrated Product and Process Design 2</b>  <i>Credits: 3.</i></p>	✓		✓	Prereq: EGM 4912.
	<p><b>EGM 4949 Co-op Work Experience</b>  <i>Credits: 1.</i> One term of industrial employment, including extra work according to a pre-approved outline. Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.</p>		✓		Prereq: 2EG classification.
	<p><b>EML 4905 Individual Study in Mechanical Engineering</b>  <i>Credits: 1 to 3; can be repeated with a change in content up to 6 credits.</i> Selected problems or projects in the student's major field of engineering study.</p>			✓	Prereq: permission of department counselor; 2.3 UF GPA.

	<b>EML 4912 Integrated Product and Process Design 1 - Mechanical Engineering</b> <i>Credits: 3.</i> The first part of a two-course sequence in which multidisciplinary teams of engineering and business students partner with industry sponsors to design and build authentic products and processes-on time and within budget. Working closely with industry liaison engineers and a faculty coach, students gain practical experience in teamwork and communication, problem solving and engineering design, and develop leadership, management and people skills.	✓	✓	Prereq: EGN 3353C, EGM 3401, EML 3005, EML 3301C.
	<b>EML 4913 Integrated Product and Process Design 2 - Mechanical Engineering</b> <i>Credits: 3.</i>	✓	✓	Prereq: EML 4912.
	<b>EML 4945 Practical Work in Mechanical Engineering</b> <i>Credits: 1.</i> Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.		✓	Prereq: EG Classification; 2.0 UF GPA.
	<b>EML 4949 Co-op Work Experience</b> <i>Credits: 1.</i> Practical co-op work experience under approved industrial supervision.		✓	Prereq: EG classification; 2.0 UF GPA.
<b>Nuclear and Radiology Engineering</b>	<b>Research Opportunities</b>		✓	See <a href="http://www.nre.ufl.edu/research/research.php">http://www.nre.ufl.edu/research/research.php</a> .
	<b>ENU 4905 Special Problems in Nuclear and Radiological Engineering</b> <i>Credits: 1 to 6; can be repeated up to 8 credits.</i> Individually selected problems or projects in the students' major field of engineering study.		✓	Prereq: recommendation of department chair.

	<b>ENU 4906 Special Problems in Nuclear and Radiological Engineering Design</b> <i>Credits: 1 to 6.</i> Individually selected design problems or design projects in the student's major field of engineering study. May be repeated for up to a maximum of eight credits.			✓	Prereq: recommendation of department chair.
	<b>ENU 4944 Practical Work in Nuclear and Radiological Engineering</b> <i>Credits: 1 to 5.</i> Practical engineering work under industrial supervision as set forth in the College of Engineering regulations.			✓	See department for details.
	<b>ENU 4949 Co-op Work Experience</b> <i>Credits: 1; three hour lab.</i> Practical engineering work under industrial supervision, as set forth in the College of Engineering regulations.			✓	Prereq: 4EG classification: one term of industrial employment, including extra work according to a preapproved outline.
<b>MISC.</b>	<b>Recruit a Gator Engineer – Internships and Cooperative Education Opportunities</b>			✓	See <a href="http://www.recruit.eng.ufl.edu/internships.html">http://www.recruit.eng.ufl.edu/internships.html</a> .

College of FINE ARTS						
Department	Opportunity	SL	IN	IW	Requirements	
School of Art and Art History	<b>ARH 4905 Individual Study</b> <i>Credits: 3.</i> With consent of faculty, students should be granted permission to take this course only under special circumstances: 1) a special case in which a student needs a specific course for the degree and the class is not offered; 2) if a student (senior) wishes to explore area of inquiry in greater depth after they have completed all of the 3000 level courses in their major.			✓	Prereq: a major in art and department permission.	
	<b>ARH 4940 Internship</b> <i>Credits: 3.</i> Supervised practical experience with an art, graphic design or museum facility according to an approved program. Special seminar and evaluation sessions with faculty adviser and art facility manager.			✓	Prereq: arrangements with art adviser and permission of chair and dean.	

	<p><b>ART 4905C Individual Study</b>  <i>Credits: 3.</i> With consent of faculty, students should be granted permission to take this course only under special circumstances: 1) a special case in which a student needs a specific course for the degree and the class is not offered; 2) if a student (senior) wishes to explore area of inquiry in greater depth after they have completed all f the 3000 level courses in their major.</p>			✓	Prereq: senior-level art major. Arrangements by and permission of the art adviser and director.	
	<p><b>ART 4940 Internship</b>  <i>Credits: 3.</i> Supervised practical experience with an art, graphic design or museum facility according to an approved program. Special seminar and evaluation sessions with faculty adviser and art facility manager.</p>			✓	Prereq: arrangements with art adviser and chair and permission of dean.	
School of Music	<p><b>MUS 4905 Projects and Problems in Music</b>  <i>Credits: 1 to 3; maximum 15 credits; can be repeated with change in content.</i> Individual work in music and music education.</p>			✓	See department for details.	
	<p><b>MUS 4910 Supervised Research</b>  <i>Credits: 1 to 3; maximum 3 credits.</i> Individual guided research in music and music education.</p>			✓	See department for details.	
School of Theatre and Dance	<p><b>DAN 3775 Dance in Medicine</b>  <i>Credits: 2 to 3.</i> This experiential course explores the links between the creative and the healing arts, focusing on the many ways that dance and movement can be used to enhance the healing process. It includes lecture/discussion, student workshops in dance and the other arts and laboratory experiences (3 hours/week for 2 credits, 6 hours/week for 3 credits) with Shands Hospital's Arts in Medicine program. This course is appropriate for students of the arts and/or of health related fields who are willing to access their creative potentials.</p>			✓	Prereq: instructor permission.	
	<p><b>DAN 4860L Dance Clinical Practice</b>  <i>Credits: 1-3.</i> This course offers practical clinical experience in the use of movement to enhance healing in a hospital or community setting. The student will work though Shands Arts in Medicine or a comparable program in individually contracted situations.</p>			✓	Prereq: DAN 3755 and approval of instructor.	
	<p><b>DAN 4905 Individual Study</b>  <i>Credits: 1 to 4; can be repeated with change in content up to 9 credits.</i> A reading, research, practical or creative project in an area of dance.</p>				✓	Prereq: permission of instructor.
	<p><b>THE 4905 Individual Study</b>  <i>Credits: 1 to 4; can be repeated with change in content up to 9 credits.</i> A reading, research or performance project.</p>				✓	Prereq: instructor permission.
	<p><b>THE 4940 Drama Internship in Schools (6-12)</b>  <i>Credits: 10.</i></p>				✓	Coreq: THE 4935.
	<p><b>TPA 4940 Internship in Theatre Design or Production</b>  <i>Credits: 1 to 9; can be repeated with change in content up to 9 credits.</i> Work with a professional theatre, dance, ballet, opera company or other approved professional situation.</p>				✓	See department for details.

	<b>TPA 4946 Production Practicum</b> <i>Credits: 1 to 3; can be repeated with change in content up to 3 credits.</i> Production experience in the design or execution of department productions.	✓	✓		See department for details.
	<b>TPP 4940 Internship in Theatre Performance</b> <i>Credits: 1 to 9; can be repeated with change in content up to 9 credits.</i> Work with a professional theatre or other approved professional situation.			✓	See department for details.
<b>MISC.</b>	<b>Center for the Arts in Healthcare Research and Education</b>	✓		✓	See <a href="http://www.arts.ufl.edu/cahre/">http://www.arts.ufl.edu/cahre/</a> .
	<b>Centers</b>	✓		✓	See <a href="http://www.arts.ufl.edu/centers.asp">http://www.arts.ufl.edu/centers.asp</a> .
	<b>Internships and Careers</b>			✓	See <a href="http://www.arts.ufl.edu/careers.asp">http://www.arts.ufl.edu/careers.asp</a> .

College of HEALTH AND HUMAN PERFORMANCE					
Department	Opportunity	SL	IN	IW	Requirements
<b>Applied Physiology and Kinesiology</b>	<b>APK 4940C Internship</b> <i>Credits: 12.</i>		✓		Prereq: department permission.
	<b>PET 4905C Variable Topics in Exercise and Sport Sciences</b> <i>Credits: 1 to 5; maximum 5 credits per semester.</i> Offered upon request of students to meet special interests which are not adequately provided for in other courses.			✓	Prereq: permission of chairperson of the department.
	<b>PET 4948C Practicum in Exercise and Sport Sciences</b> <i>Credits: 1 to 5.</i> Practical experience in such specialty areas as adult fitness programs, health clubs, exercise testing laboratories, clinical laboratories and athletic training rooms. May include senior thesis with oral defense.	✓	✓		Prereq: permission of the chairperson of the department.
<b>Health Education and Behavior</b>	<b>HSC 4813 Practicum in Health Education</b> <i>Credits: 1 to 3; maximum of 6 credits.</i>	✓	✓		Prereq: HED major.
	<b>HSC 4876 Internship in Health Education</b> <i>Credits: 1 to 16; maximum of 16 credits.</i>		✓		Prereq: HH-HEB majors, senior standing; HSC 3032 and HSC 4934 with a grade of C or better.

	<b>HSC 4905 Individual Study</b> <i>Credits: 1 to 4; can be repeated with change of content up to 16 credits.</i> Supervised program of study to investigate problems significant to health professions.			✓	Prereq: HH-HEB majors, junior or senior standing; HSC 3032 with a grade of C or better; permission of faculty member or program coordinator.
	<b>HSC 4910 Research in Health Education</b> <i>Credits: 1 to 3; maximum of 6 credits.</i>			✓	Prereq: HH-HEB majors, junior or senior standing; HSC 3032 with a grade of C or better; permission of faculty member or program coordinator.
	<b>PET 4943C Practicum in Coaching</b> <i>Credits: 2 to 6.</i> Supervised experience in coaching.	✓	✓		Prereq: department permission.
<b>Tourism Recreation and Sport Management</b>	<b>Internship Requirement</b>		✓		See <a href="http://legacy.hhp.ufl.edu/trsm/InternshipInformation.htm">http://legacy.hhp.ufl.edu/trsm/InternshipInformation.htm</a> .
	<b>LEI 3921 Field Experience in Leisure Services</b> <i>Credits: 3.</i> Field experience gives students the opportunity to gain practical experience in a chosen area of the leisure service delivery system. Students will apply skill and knowledge as a volunteer at an agency in their area of study. Students are expected to utilize leadership and management skills to enhance participant involvement and agency operations. In addition, the student prepares a resume, investigates agencies as potential intern sites and submits the appropriate forms for approval of an internship site.	✓	✓		Prereq: department permission.
	<b>LEI 4940 Internship in Leisure Services</b> <i>Credits: 1 to 15.</i>		✓		Prereq: department permission.
	<b>SPM 4905C Variable Topics in Sport Management</b> <i>Credits: 1 to 5.</i> Offered upon request of students to meet special interests that are not adequately provided for in other courses.			✓	Prereq: permission of department chairman.
	<b>SPM 4941C Internship in Sport Management</b> <i>Credits: 15.</i> Internship with public or private enterprise in the field of sport management.		✓		See department for details.
	<b>SPM 4948C Practicum in Sport Management</b> <i>Credits: 1 to 5.</i> Practical experience in sport management areas. May include senior thesis with oral defense.	✓	✓		Prereq: permission of department chairman.
	<b>MISC.</b>	<b>Research Centers</b>			✓
	<b>Community Outreach Programs</b>	✓			See <a href="http://www.hhp.ufl.edu/places/comm/comm.php">http://www.hhp.ufl.edu/places/comm/comm.php</a> .

	<b>HLP 2940 Practicum in Health and Human Performance</b> <i>Credits: 1 to 3.</i> A unique opportunity for students who are in the decision-making phase of their studies to test a career choice through practicum experience prior to completing professional courses.	✓	✓		See department for details.
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College of JOURNALISM AND COMMUNICATIONS					
Department	Opportunity	SL	IN	IW	Requirements
<b>Advertising</b>	<b>ADV 4800 Advertising Campaigns</b> <i>Credits: 3.</i> An advanced advertising course requiring the student to prepare and produce a complete general advertising campaign. Emphasis is placed on production methods, costs, research and media analysis.	✓			Prereq: 4JM ADV; minimum grade of C or better in ADV4101 and ADV4300.
	<b>ADV 4905 Individual Problems</b> <i>Credits: 1 to 3.</i>			✓	Prereq: 3JM ADV; at least 10 hours of 3000-/4000-level advertising courses and permission of chairperson.
	<b>ADV 4940 Advertising Internship</b> <i>Credits: 1 to 4.</i> Student will select work area related to the field of advertising for on-the-job training.			✓	Prereq: 3JM ADV; 2.50 minimum professional GPA; minimum grade of C in MMC 2100 and MAR 3023; completed one related advertising course and department permission.
<b>Journalism</b>	<b>JOU 4905 Individual Problems in Journalism</b> <i>Credits: 1 to 3.</i> Students and the instructor concerned will choose a problem or project which will give the student actual experience in his or her major field.			✓	Prereq: at least 10 hours of journalism in the upper-division and approval of the department.
	<b>JOU 4940 Journalism Internship</b> <i>Credits: 1 to 3.</i> Student and instructor will select an appropriate work area related to the field of journalism for on-the-job training.			✓	Prereq: minimum 3.0 GPA and have completed specialized courses in journalism appropriate to the internship. Must have advanced approval from department to receive credit.
	<b>JOU 4943 Photographic Journalism Practicum</b> <i>Credits: 1.</i> Immersion in daily newspaper photo operations with particular attention to interacting with staff photographers through week-long visits to newspapers.	✓		✓	Prereq: JOU 3601 and permission of the photojournalism coordinator.

<b>Public Relations</b>	<b>PUR 4800 Public Relations Campaigns</b> <i>Credits: 3.</i> Utilizing the principles and techniques of public relations to create comprehensive campaigns for actual clients.	✓			Prereq: PUR 3000, PUR 4100, PUR 3801, PUR 4103, senior standing.
	<b>PUR 4905 Individual Problems</b> <i>Credits: 1 to 3.</i> Students and the instructor concerned will choose a problem or project which will give the student actual experience in his or her major field.			✓	Prereq: at least 10 hours of professional courses and approval of department chair.
	<b>PUR 4940 Public Relations Internship</b> <i>Credits: 1 to 3; can be repeated with change of assignment up to 3 credits.</i> Student and instructor will select an appropriate work area related to the field of public relations for on-the-job training.		✓		
<b>Telecommunications</b>	<b>RTV 4905 Individual Projects in Telecommunication</b> <i>Credits: 1 to 3.</i> Projects must also have the approval of the Telecommunication faculty. The student and the instructor concerned will choose a problem or project which will give the student experience in telecommunication.			✓	Prereq: at least 10 hours of junior- or senior-level telecommunication courses and permission of the department chair.
	<b>RTV 4940 Telecommunication Internship</b> <i>Credits: 1 to 4; can be repeated with change in content up to 3 credits.</i> Student and instructor will select an appropriate work area related to the field of broadcasting for on-the-job training.		✓		
<b>MISC.</b>	<b>UF Radio and Television Stations</b>	✓	✓		See <a href="http://www.jou.ufl.edu/resources/radiotv.asp">http://www.jou.ufl.edu/resources/radiotv.asp</a> .

College of LIBERAL ARTS AND SCIENCES					
Department	Opportunity	SL	IN	IW	Requirements
<b>African &amp; Asian Languages and Literature</b>	Several <b>individual study/work</b> options depending course of study.			✓	See department for details.
<b>Anthropology</b>	<b>ANT 4905 Individual Work</b> <i>Credits: 1 to 5; can be repeated to a maximum of 9 hours.</i>			✓	Prereq: instructor permission. A supervising faculty member signs an agreement with student to supervise student's work.

	<b>ANT 4907 Research Projects in Anthropology</b> <i>Credits: 1 to 5; can be repeated with change in content up to 9 credits. For students undertaking directed research in supplementary or regular course work or on special problems.</i>			✓	Prereq: instructor permission. A supervising faculty member signs an agreement with student to supervise student's work.
<b>Astronomy</b>	<b>NASA Undergraduate Student Research Project (Internship Program)</b>		✓	✓	See <a href="http://www.astro.ufl.edu/UnderProg.html">http://www.astro.ufl.edu/UnderProg.html</a> .
	<b>AST 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated with change in content up to 9 credits. Assigned reading or research for qualified undergraduates.</i>			✓	Prereq: AST 3018 and AST 3019, or two years of college physics, and instructor permission.
<b>Botany</b>	<b>BOT 4905 Individual Studies in Botany</b> <i>Credits: 2 to 4; can be repeated with change in content up to 4 credits (i.e., a total of 8 credits). Qualified students and an instructor choose a particular problem for study.</i>			✓	Prereq: at least 8 hours of botany.
<b>Chemistry</b>	<b>CHM 4905 Individual Problems</b> <i>Credits: 1 to 3; can be repeated for additional credit. An assigned reading program or development of an assigned experimental problem.</i>			✓	Prereq: permission of the faculty member supervising the work.
<b>Classics</b>	Several <b>individual study/work</b> options depending course of study.			✓	See department for details.
<b>Communications Sciences &amp; Disorders</b>	<b>SPA 4904 Individual Study</b> <i>Credits: 1 to 3; can be repeated with change in content up to 6 credits. A project, reading or research course.</i>			✓	See department for details.
<b>Criminology, Law &amp; Society</b>	<b>CCJ 4905 Individual Work</b> <i>Credits: 1 to 3. Qualified students and the instructor will develop a course of study or investigation designed to extend available course work. A formal written report is required.</i>			✓	Prereq: CCJ 3024, 3LS/4LS major and instructor permission.
	<b>CCJ 4940 Practicum</b> <i>Credits: 1 to 3. Supervised experience in a criminal justice agency.</i>	✓	✓		Prereq: CCJ 3024, 3LS/4LS major and instructor permission. See <a href="http://web.crim.ufl.edu/undergrad/intern.html">http://web.crim.ufl.edu/undergrad/intern.html</a> .

English	<b>ENC 3250 Professional Communication</b> <i>Credits: 3.</i> This course aims to prepare you for writing and designing documents in professional workplace situations. We will produce a number of professional texts written, oral, and online for various audiences and purposes. The bulk of the course will be spent on a long-term <b>service-learning project</b> in which students write and design documents for local community service agencies, and reflect on their writing and larger experiences. The service learning project will involve writing a letter of inquiry, a resume, a proposal, a set of documents for the agency, a progress report (oral), a final report, and a series of short reflective memos (online).	✓		Prereq: junior or senior standing and two 1000- or 2000-level English courses; Technical Writing is strongly recommended.	
	<b>ENG 4905 Independent Study</b> <i>Credits: 1 to 3; can be repeated with change of topic up to 9 credits.</i> For advanced students who desire to supplement the regular courses by independent reading or research under guidance.			✓	Prereq: instructor permission and/or department head or delegate.
	<b>ENG 4940 English Internship</b> <i>Credits: 1 to 3, depending on number of hours worked during week.</i> For students who want to gain experience in an English-related field.	✓			Prereq: 12 hours of 3000- to 4000- level English and permission of undergraduate coordinator. Students must find a business that will provide adequate supervision by a delegated authority in an appropriate work area.
Center for European Studies	<b>Internship Opportunities</b>		✓	See <a href="http://grove.ufl.edu/~ces/view2.php?table=opportunities&amp;PHPSESSID=140b7124ca2d4ee040d1c443d92def25">http://grove.ufl.edu/~ces/view2.php?table=opportunities&amp;PHPSESSID=140b7124ca2d4ee040d1c443d92def25</a> .	
	<b>EUS 4905 Individual Work</b> <i>Credits: 1 to 3.</i> Reading and discussions in advanced topics of European studies.			✓	See center for details.
Geography	<b>GEO 4905 Individual Work</b> <i>Credits: 1 to 5; can be repeated with change in content up to 15 credits.</i> Qualified students and the instructor concerned may choose a particular topic or problem for study.			✓	Prereq: undergraduates only; 9 semester hours of geography and instructor permission.
	<b>GEO 4944 Internship</b> <i>Credits: 1 to 10.</i> Experimental learning in position with city, county, regional and state government agencies.	✓			Prereq: senior standing.

<b>Geological Sciences</b>	<b>GLY 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated with a change in content up to 7 credits.</i> For work in addition to that offered in regular courses in mineralogy, petrology, paleontology, stratigraphy, sedimentology and structural geology.			✓	Prereq: 15 hours of geology and instructor permission.
<b>Germanic &amp; Slavic Studies</b>	Several <b>individual study/work</b> options depending course of study.			✓	See department for details.
<b>History</b>	<b>HIS 4905 Individual Study</b> <i>Credits: 1 to 3; maximum of 6 credits.</i>			✓	Prereq: 6 hours of history.
	<b>HIS 4944 Internship in the Practice of History</b> <i>Credits: 1 to 3.</i> Gives history majors practical experience in history-related institutions and organizations, such as archives, historical societies, museums and university presses.			✓	Prereq: History major and approval of the undergraduate coordinator. See <a href="http://web.history.ufl.edu/new/undergrad_studies/internships.htm">http://web.history.ufl.edu/new/undergrad_studies/internships.htm</a> .
<b>Interdisciplinary Studies</b>	<b>IDS 4905 Individual Study</b> <i>Credits: 1 to 7, maximum of 7 credits.</i> For select undergraduates undertaking in-depth college approved courses of study. The project, as part of the student's planned program, must be approved by the dean and carried out under the guidance of a faculty member.			✓	Prereq: see interdisciplinary studies for details. See <a href="http://www.clas.ufl.edu/ids/">http://www.clas.ufl.edu/ids/</a> .
	<b>IDS 4940 Interdisciplinary Studies (Internship)</b> <i>Credits: 3; can use only once.</i> To be used if a student's CLAS major (department) does not give credit for internships.			✓	See department for details. See <a href="http://www.clas.ufl.edu/ids/internship.html">http://www.clas.ufl.edu/ids/internship.html</a> .
	<b>IDS 4949 Co-op Work Experience</b> <i>Credits: 1; can be repeated with changed work program.</i> This course is designed for students who participate in a multiple-semester career-related co-op work experience with a company. All co-op students are required to set up a file in the Career Resource Center.			✓	Prereq: see department for details; student must have completed the freshman year with at least a 2.0 GPA.
<b>Center for Jewish Studies</b>	<b>HBR 4905 Individual Work</b> <i>Credits: 1 to 5.</i>			✓	Prereq: refer to the department.
	<b>JST 4905 Individual Work in Jewish Studies</b> <i>Credits: 1 to 3; can be repeated with change in topic up to 6 credits.</i> For advanced students who desire to supplement regular courses by independent reading or research under guidance.			✓	See center for details.
	<b>JST 4940 Internship in Jewish Studies</b> <i>Credits: 1-6; can be repeated up to 6 hours.</i> Pre-approved internship with Jewish communal, educational or service institutions.			✓	Prereq: REL 2600 or the equivalent; instructor permission and junior standing. See <a href="http://web.jst.ufl.edu/jst4940.shtml">http://web.jst.ufl.edu/jst4940.shtml</a> .

<b>Center for Latin American Studies</b>	<b>LAS 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated with different subjects up to 10 credits.</i> Qualified students may choose a topic on Latin America that cuts across disciplines, to work under the supervision of a faculty member affiliated to the Center for Latin American Studies, who will sign the form (see Ms. Carter at 316 Grinter).			✓	See center for details.
<b>Linguistics Program</b>	<b>LIN 4905 Individual Study in Linguistics</b> <i>Credits: 1 to 3.</i> Individual study for linguistics majors.			✓	See program for details.
<b>Mathematics</b>	<b>MAT 4905 Individual Work</b> <i>Credits: 1 to 3; can be repeated for up to 10 credits.</i> For special topics not obtainable in the regular course offerings.			✓	Prereq: grade of C or better in MAC 2313 (or MAC 3474) and undergraduate coordinator permission.
<b>Center for Medieval and Early Modern Studies</b>	<b>MEM 4905 Independent Study in Medieval and Early Modern Studies</b> <i>Credits: Variable 1 to 5, with maximum of 3 credits per semester.</i> Independent work in medieval and early modern studies.			✓	Prereq: consent of instructor.
<b>Philosophy</b>	<b>PHI 3905 Individual Study</b> <i>Credits: 1 to 3; maximum 6 credits.</i> Available by department permission to upper-division students who make suitable advance application to the undergraduate coordinator.			✓	See department for details.
	<b>PHI 4905 Individual Work</b> <i>Credits: 1 to 3; maximum 6 credits.</i>			✓	Prereq: department permission, upper-division students with 12 hours of philosophy. Students must apply in advance to the undergraduate coordinator.
<b>Physics</b>	<b>Research Experience for Undergraduates Program</b>			✓	See <a href="http://www.phys.ufl.edu/REU/">http://www.phys.ufl.edu/REU/</a> .
	<b>PHY 3905 Individual Work</b> <i>Credits: 1 to 4; can be repeated with change in content up to 8 credits.</i> A guided course of study or special projects for selected undergraduates, primarily those with fewer than 10 credits of course work in physics or allied fields.			✓	Prereq: instructor permission.
	<b>PHY 4905 Individual Work</b> <i>Credits: 1 to 4; can be repeated with change in content up to 10 credits.</i> Qualified undergraduate students may study selected topics in physics.			✓	Prereq: 12 credits of physics, instructor permission.

<b>Political Science</b>	<b>POS 4905 Individual Work</b> <i>Credits: 2 to 3; can be taken only once.</i> Readings and discussion in advanced topics of political science.			✓	Prereq: department permission.
	<b>Political Science Internships:</b> <b>PAD 4940 Court Internship</b> <i>Credits: 3 (only 3 hours of POS / PAD 4940 credit may be counted toward major).</i> Pre-approved internship with the Alachua County Clerk of Court. Interns will work a minimum of 150 hours per semester, complete readings and a 5-10 page paper. <b>POS 4940 Political Internship</b> <i>Credits: 3 (only 3 hours of POS / PAD 4940 credit may be counted toward major).</i> Internship in government and politics. Internships are available at all levels-local, state, and federal- and in every branch of government-executive, legislative, and judicial. Other internships are available with political parties, interest groups, lobbying organizations, international organizations, and private companies engaged in governmental relations and issue research.			✓	Prereq: POS 2041, instructor permission. See <a href="http://www.polisci.ufl.edu/internships/">http://www.polisci.ufl.edu/internships/</a> .
<b>Psychology</b>	<b>PSY 4905 Individual Work</b> <i>Credits: 1 to 3 per semester; maximum 4 credits.</i> Qualified students and the instructor or supervisor concerned may choose a particular problem for investigation or study from the various areas of psychology.			✓	Prereq: at least 12 semester hours of psychology.
	<b>PSY 4949 Community Work in Psychology</b> <i>Credits: 1 to 3 per semester; maximum 4 credits.</i> Credit is earned through volunteer work with community agencies that have been approved by the department for this purpose. The agencies provide a range of services to the community.		✓		Prereq: 12 semester hours of psychology.
<b>Religion</b>	<b>REL 4905 Individual Work</b> <i>Credits: 1 to 5; can be repeated with change in content up to 9 credits.</i> Majors or other advanced undergraduates who wish to supplement regular course work by individual studies under guidance may apply to a member of the faculty for individual work.			✓	Prereq: 9 hours in religion, or department permission.
<b>Romance Languages and Literatures</b>	Several <b>individual study/work</b> options depending course of study.			✓	See department for details.

<b>Sociology</b>	<b>SYA 4905 Individual Work</b> <i>Credits: 1 to 4; can be repeated with change in content up to 8 credits.</i> Designed to permit students to work in areas not covered in regularly scheduled courses.			✓	Prereq: 9 hours of sociology and department permission.
	<b>SYA 4941 Internship in Applied Sociology</b> <i>Credits: 3; can be repeated with department approval and a different field placement.</i> Supervised individual practicum in sociology through internship placement in social services organizations.			✓	Prereq: 6 hours of sociology and department permission.
<b>Statistics</b>	<b>STA 4905 Individual Work</b> <i>Credits: 1 to 5; can be repeated with change in content up to 15 credits.</i> Special topics designed to meet the needs and interests of individual students.			✓	Prereq: department permission.
	<b>STA 4940 Internship</b> <i>Credits: 1 to 3.</i> Supervised activity associated with planning and/or analyzing data from a research project.			✓	Prereq: STA 4211; permission of the undergraduate coordinator required.
<b>Center for Women's Studies</b>	<b>WST 4905 Independent Study in Women's Studies</b> <i>Credits: 1 to 3; can be repeated for up to 6 credits.</i> For advanced undergraduate students who desire to supplement the regular courses by independent reading or research.			✓	See center for details.
	<b>WST 4940 Internship</b> <i>Credits: 1 to 3; can be repeated up to 6 credits.</i> This course is designed for students desiring practical experience in the community. Students intern with a local agency, group or business involved in women's issues.			✓	Prereq: instructor permission and program chair. See <a href="http://web.wst.ufl.edu/internships/internships.html">http://web.wst.ufl.edu/internships/internships.html</a> .
<b>Zoology</b>	<b>Undergraduate Research Assistantship Program</b>			✓	See <a href="http://www.zoo.ufl.edu/urap/">http://www.zoo.ufl.edu/urap/</a> .
	<b>ZOO 4905 Individual Studies in Zoology</b> <i>Credits: 1 to 4; can be repeated for full credit.</i> Qualified students and the instructor concerned may choose a particular topic or problem for study.			✓	Prereq: BSC 2011 and 2011L with a grade of at least C and instructor permission.

Department	Opportunity	SL	IN	IW	Requirements
Behavioral Science and Community Health	<b>GEY 4905 Independent Study in Gerontology</b> <i>Credits: 1 to 3.</i> Qualified students and the instructor or supervisor concerned may choose a specific area of study related to aging. The student must submit a written report of the work.			✓	Prereq: instructor permission.
	<b>GEY 4949 Community Work in Aging</b> <i>Credits: 1 to 3.</i> Credit is earned through volunteer work with approved community agencies. These agencies serve older adult clientele or patients and provide a range of services.	✓			Prereq: permission of director.
	<b>RCS 4800 Rehabilitation and Human Services Practicum 1</b> <i>Credits: 3.</i> Development of the role of a rehabilitation and human services provider in an agency setting.	✓	✓		Prereq: RCS 4415; majors only.
	<b>RCS 4804 Advanced Rehabilitative Services Practicum</b> <i>Credits: 3.</i> Provide advanced rehabilitation services in a rehabilitation services agency under supervision of agency staff.	✓	✓		Prereq: RCS 4800.
	<b>RCS 4900 Individual Work</b> <i>Credits: 1 to 3.</i>			✓	See department for details.
Health Science	<b>HSC 4905 Individual Study</b> <i>Credits: 1 to 4; can be repeated with change of content up to 16 credits.</i> Supervised program of study to investigate problems significant to health professions.			✓	Prereq: permission of faculty member or program director.
	<b>HSC 3801 Clinical Observation/Health Care Volunteer Work</b> <i>Credits: 1 to 4. Can be repeated up to 16 credits.</i> This course is designed to provide the student with an opportunity to learn about a specific health care field or gain knowledge about specific patient or client populations through direct observation and/or hands-on assistance.	✓			Prereq: majors/minors only.
MISC.	<b>Centers</b>	✓		✓	See <a href="http://www.php.ufl.edu/centers/index.htm">http://www.php.ufl.edu/centers/index.htm</a> .

OTHER OPPORTUNITIES					
Office/Department/Center/Program	Opportunity	SL	IN	IW	Requirements

<b>Dean of Student's Office, Center for Leadership and Service</b>	<b>Service Learning Opportunities</b> The mission of the CLS Service Learning Program is to develop awareness, understanding, and commitment to service learning by creating a physical and virtual resource center that facilitates interactions between faculty, graduate and undergraduate students, student services staff, and community partners.	✓		See <a href="http://www.dso.ufl.edu/cls/programs/servicelearning/">http://www.dso.ufl.edu/cls/programs/servicelearning/</a> .
<b>Honors Program</b>	<b>University of Florida Undergraduate Research Database</b> The purpose of this database is to match undergraduate students with researchers in all fields across the university. The information listed in the database is updated daily. The University Scholars Program allows students in all disciplines to apply for one-on-one research positions with faculty mentors. If you are interested in doing research with a faculty mentor at UF, but do not want to participate in USP, you must first contact the professor directly, as listed in the database.		✓	See <a href="http://www.honors.ufl.edu/researchdatabase.html">http://www.honors.ufl.edu/researchdatabase.html</a> .
	<b>IDH 4905 Individual Work</b> <i>Credits: 1 to 3.</i> Restricted to students in the university-wide Honors Program.		✓	See program for details.
	<b>IDH 4917 Undergraduate Research</b> <i>Credits: 1 to 5.</i> Student research under the direction of a faculty member.		✓	Prereq: permission of the honors program.
	<b>IDH 4940 Internship</b> <i>Credits: 1 to 6; can be repeated for credit.</i> Experiential learning in a variety of work locations.	✓		Prereq: permission of program director required. Supervision by a faculty member or delegated authority, daily journal and a post-internship report are required.

	<b>IDS 4945 Washington Center Internship</b> <i>Credits: 3 to 15; cannot be repeated.</i> Students who are accepted by the Washington Center in Washington, DC and obtain permission of the UF liaison participate in an internship for a summer or semester. A variety of settings related to various academic disciplines are available.		✓		Prereq: see program for details.
<b>University Scholars Program</b>	<b>The University Scholars Program</b> introduces undergraduate students at UF to the exciting world of academic research. In the Program, students work one-on-one with UF faculty on selected research projects. Through this initiative, students will take away an understanding of and appreciation for the scholarly method. The University Scholars Program serves as an exceptional capstone to the academic careers of UF students.			✓	See <a href="http://www.scholars.ufl.edu/">http://www.scholars.ufl.edu/</a> .
<b>Career Services Center</b>	<b>Co-op Assistance</b>	✓	✓		See <a href="http://www.crc.ufl.edu/experiential/Coop/coop.php">http://www.crc.ufl.edu/experiential/Coop/coop.php</a> .
	<b>Internship Assistance</b>		✓		See <a href="http://www.crc.ufl.edu/experiential/intern/intern.php">http://www.crc.ufl.edu/experiential/intern/intern.php</a> .
	<b>Externship Assistance</b>	✓			See <a href="http://www.crc.ufl.edu/experiential/extern/extern.php">http://www.crc.ufl.edu/experiential/extern/extern.php</a> .
<b>Office of Sustainability</b>	<b>Service Learning Opportunities</b>	✓			See <a href="http://www.sustainable.ufl.edu/service_learning.html">http://www.sustainable.ufl.edu/service_learning.html</a> .