

RRSLA Approved Undergraduate Professional Electives

This list is a guide to pre-approved electives. Electives not listed here may still be approved by the College of Design. Updated by RRSLA Curriculum Committee 03/29.

ACCOUNTING

<p>ACCT 2000 – Survey of Accounting (3)</p>	<p>Introduction to the meaning of the values presented in financial statements; management accounting concepts and internal decision making; fundamentals of individual income taxes. <i>Credit will not be given for both this course and ACCT 2001 or ACCT 2002. Students in nonbusiness curricula are advised to enroll in ACCT 2000 if they are given the option of ACCT 2000 or ACCT 2001, unless they plan to pursue a business degree at a subsequent date. All students in the E. J. Ourso College of Business are required to take ACCT 2001.</i></p> <p>PREREQUISITE: MATH 1021 OR MATH 1029 OR EQUIVALENT.</p>
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AGRICULTURAL ECONOMICS

<p>AGEC 4623 – Rural Resource and Community Development (3)</p>	<p>Characteristics of developed and undeveloped rural areas; analysis of economic and related problems and potential for development; public policy issues concerning rural development.</p> <p>PREREQUISITE: AGECE 3003 OR PERMISSION OF INSTRUCTOR.</p>
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AGRONOMY

<p>*AGRO 2011 (EMS 2011 & HORT 2011)- Analysis of Environmental Issues (3)</p>	<p>An introduction to reading, writing and speaking in the sciences, with an emphasis on environmental topics.</p> <p>PREREQUISITE: ENGL 1001.</p>
<p>AGRO 2051- Soil Science (4)</p>	<p>Principles of soil science; properties of soils related to plant growth and the environment. <i>3 hrs lecture; 2 hrs lab.</i></p> <p>PREREQUISITE: CHEM 1002, CHEM 1212, OR EQUIVALENT.</p>
<p>AGRO 2086 (HORT 2086)- Intro to Turfgrass Management (3)</p>	<p>Turfgrass identification and adaptation; establishment and maintenance of high-quality turf areas; turfgrass pests and their control. <i>Required field trips. 2 hrs lecture; 3 hrs lab.</i></p> <p>PREREQUISITE: BIOL 1202 OR BIOL 1002; AGRO 2051 OR EQUIVALENT.</p>
<p>AGRO 3040 (EMS 3045)- Soil Conservation (2)</p>	<p>Causes and effects of soil erosion and sedimentation; their effects on the quality of the environment; methods of reducing erosion and soil environmental pollution.</p> <p>PREREQUISITE: AGRO 2051.</p>
<p>AGRO 4078- Land Use Planning and Land Management (3)</p>	<p>Land use planning and management based on chemical, mineralogical and physical properties of soils; includes applications of soils, plants, hydrology and remote sensing datasets for advanced GIS analysis. Land use</p>

	management foci include crops, pasture, urban, disturbed and wetlands. <i>2 hrs lecture; 2 hrs lab.</i> PREREQUISITE: AGRO 2051 OR CONSENT OF INSTRUCTOR.
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ANTHROPOLOGY

ANTH 3401 (ENGL 3401)- The Study of Folklore (3)	History of the study of folklore; methods of collection, interpretation and analysis of folklore materials; myth, folktale, legend, folk song, ballads, folk humor, festival and folk speech; psychological, contextual and structural analysis of oral literature; specific reference to the heritage of Louisiana and the South.
ANTH 4024 (GEOG 4020)- Aerial Photo Interpretation & Image Processing (3)	Analysis and mapping of geological features, hydrological process, landforms, cultural features, natural resource, and environmental phenomena from aerial photographs and satellite images.
ANTH 4074 - Place and Culture (3)- Same as GEOG 4074	Consideration of place and culture as two core concepts in geography and anthropology.
*ANTH 4086 - Human–Environment Interactions (3) (GEOG 4086)	Cultural adaptation to difficult and distinctive environments, including mountains and highlands, the arctic, deserts, the humid tropics and grasslands; subsistence strategies, local knowledge, household economies, land use practices and resource management institutions.
ANTH 4440 (ARCH 4440)- Vernacular Architecture and Material Culture (3)	Subject matter and instructor may vary; additional details available from department. World vernacular architecture, including indigenous and folk buildings; other forms of material culture.
ANTH 7074 (GEOG 7074)- Poetics of Place (3)	Combination of the observational method of social science with the literary insights of poetry and fiction; understanding of how places where humans live out their lives convey a variety of meanings beyond that of the strictly utilitarian. PREREQUISITE: ANTH 4074/GEOG 4074 OR PERMISSION OF INSTRUCTOR.

ARCHITECTURE

ARCH 4062 - Urban Design and Planning (3)	Fundamentals of urban morphology in relation to historical, social, political and economic systems.
ARCH 4072 - Community Design Studies (3)	Study of community design and community-based practice with emphasis on contemporary participatory action research and techniques.
ARCH 4353 - Principles and Practices of Land Development (3)	Environmental, physical and financial aspects of land development.
ARCH 4440 (ANTH 4440) – Vernacular Architecture and Material Culture (3)	Subject matter and instructor may vary; additional details available from department. World vernacular architecture, including indigenous and folk buildings; other forms of material culture.

ART

ART 1010 – Introduction to Drawing (3)	Drawing from observation and invented images; various drawing materials, methods, and subjects are explored as a means to develop perceptual ability and descriptive
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	<p>drawing skills; drawing concepts including composition, line, perspective, shape, space, and value. <i>Credit will not be given for both this course and ART 1847. 6 hrs lab.</i></p> <p>(LCCN: CART 2203, Beginning Drawing)</p>
ART 1662 – Introduction to Ceramics: Wheel Throwing (3)	<p>Problems in ceramic forming techniques, mixing of clays and glazes and kiln firing. <i>6 rs studio. Studio fee.</i></p> <p>PREREQUISITE: ART 1009 OR ART 1012 OR CONSENT OF INSTRUCTOR.</p>
ART 1847 – Drawing and Composition (3)	<p>Basic principles of observation; emphasis on graphic analysis and delineation of spatial structure. <i>Credit will not be given for both this course and ART 1010. 6 hrs studio.</i></p> <p>PREREQUISITE: MAJORS AND INTERIOR DESIGN MAJORS OR PERMISSION OF INSTRUCTOR.</p>
ART 2055 – Digital Art II (3)	<p>Introductory work in digital animation and multimedia applications. <i>Students are responsible for studio fee associated with course. 2 hrs lecture; 2 hrs lab.</i></p> <p>PREREQUISITE: ART 2050 OR PERMISSION OF INSTRUCTOR.</p>
ART 2220 – Moving Image (3)	<p>Introduction to digital video production and editing systems; concepts will include basic compositing and motion graphics. <i>6 hrs studio.</i></p> <p>PREREQUISITES: ART 2050 AND PERMISSION OF INSTRUCTOR.</p>
ART 2883 – Water Media Painting (3)	<p>Objects and landscape; composition in water-soluble media on paper. <i>6 hrs studio.</i></p> <p>PREREQUISITE: ART 1847, ART 1010, OR PERMISSION OF INSTRUCTOR.</p>
ART 2230 – Virtual Space (3)	<p>Introduction to modeling and animation using three-dimensional objects and spaces in a virtual environment. <i>6 hrs studio. Studio fee.</i></p> <p>PREREQUISITE: ART 2050 AND PERMISSION OF INSTRUCTOR.</p>
ART 2552 – Color Design (3)	<p>Color as functional design element of perception and visual communication.</p> <p>PREREQUISITE ART 1011.</p> <p>(LCCN: CART 2303, Color Theory)</p>
ART 4050 – Digital Art III (3)	<p>Intermediate work in digital animation. <i>Primarily for students majoring in art. 6 hrs studio. Studio fee.</i></p> <p>PREREQUISITE: ART 2055 OR EQUIVALENT.</p>
ART 4055 – Digital Art IV (3)	<p>Advanced wok in digital imaging, video, and animation.</p> <p>PREREQUISITES: ART 4050 OR EQUIVALENT AND PERMISSION OF INSTRUCTOR.</p>
ART 4230 – Virtual Space and Motion (3)	<p>Investigation of advanced techniques and issues in the creation of virtual narrative and animation in three-dimensional space. <i>May be taken for a max of 6 hrs of credit. 6 hrs studio.</i></p>

	PREREQUISITES: ART 2220, ART 2230, AND PERMISSION OF INSTRUCTOR.
ART 4270 – Digital Art Studio (3)	Advanced studio focused on the development of a large-scale digital media project. <i>6 hrs studio</i> . PREREQUISITE: PERMISSION OF INSTRUCTION.

BIOLOGICAL ENGINEERING

*BE 3381 - Nonpoint Source Pollution Engineering (3)	Water quality criteria and regulations for the agricultural community; production, treatment and disposal of agricultural and food processing wastes; management of agricultural nutrients; nonpoint source pollution; bi-product utilization; land application; wetland restoration; stream sampling and analysis; re-aeration studies and modeling. <i>2 hrs lecture; 3 hrs lab</i> . PREREQUISITES: BE 2352 AND EVEG 3110.
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BIOLOGY

BIOL 4055 – Flora of the Central Gulf Coast (4)	Major plant groups and communities of Louisiana and the Gulf region; field and laboratory identification, natural history, ecology, environmental issues relating to natural vegetation and conservation of natural areas. <i>Two Saturday field trips. 2 hrs lecture; 4 hrs lab</i> . PREREQUISITES: BIOL 1202 AND BIOL 1209.
BIOL 4308 (OCS 4308) – Plants in Coastal Environments (3)	Ecology of Louisiana’s major coastal plant communities; emphasis on influence of environmental factors controlling plant distribution and productivity; physiological, morphological and anatomical mechanisms aiding plant survival; man’s impact on Louisiana’s coastal plant communities. <i>Weekend field trips as needed</i> . PREREQUISITE: ONE-SEMESTER COURSE IN BIOLOGY OR ECOLOGY, OR CONSENT OF INSTRUCTOR.

COMMUNICATION STUDIES

CMST 2060 – Public Speaking (3)	This is a General Education course. Theory and skills needed by the effective communicator and critical consumer of speech; analysis of other speakers and practice in speaking.
CMST 2061 – Communication for Business and the Professions (3)	For students in the professional colleges, particularly the E.J. Ourso College of Business. Communication used in business and professional organizations; proposal presentations, group decision making, parliamentary procedure and interviewing.

ENGLISH

ENGL 2002 – Business Writing (3)	Preparing business documents such as reports, articles, and letters. <i>Credit will not be given for both ENGL 2002 and ENGL 2102</i> . PREREQUISITE: COMPLETION OF ENGL 1001 OR EQUIVALENT. (LCCN: CENL 2513, Foundations of Professional Writing (Lower Level)
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ENGL 2012 – Practical Grammar and Usage (3)	Practical grammar, usage, and punctuation; effective word choices and sentences; elimination of common errors; use of dictionaries; current language controversies, regional, and social language variation. PREREQUISITE: COMPLETION OF ENGL 1001 OR EQUIVALENT.
ENGL 3102 – Technical Writing for International Students (3)	Training for non-native speakers of English in skills required of practicing scientists, engineers, and technical managers. <i>Credit will be given for only one of the following: ENGL 3002, ENGL 3003, or ENGL 3102.</i> PREREQUISITES: JUNIOR STATUS AND COMPLETION OF ENGL 1001 OR EQUIVALENT.
ENGL 3401 (ANTH 3401) – The Study of Folklore (3)	History of the study of folklore; methods of collection, interpretation and analysis of folklore materials; myth, folktale, legend, folk song, ballads, folk humor, festival and folk speech; psychological, contextual and structural analysis of oral literature; specific reference to the heritage of Louisiana and the South.

ENVIRONMENTAL MANAGEMENT SYSTEMS

*EMS 2011 (AGRO 2011 & HORT 2011)- Analysis of Environmental Issues (3)	An introduction to reading, writing and speaking in the sciences, with an emphasis on environmental topics. PREREQUISITE: ENGL 1001.
*EMS 3040 - Applied Environmental Management (4)	Applications of planning, management and decision-making to environmental policy, systems and management; evaluation of environmental decision making; environmental ethics; analysis of environmental issues at the local, state and national levels. <i>3 hrs. lecture; 3 hrs. lab.</i> PREREQUISITES: EMS 1011, ENGL 2000.
EMS 3045 (AGRO 3040) – Soil Conservation (2)	Causes and effects of soil erosion and sedimentation; their effects on the quality of the environment; methods of reducing erosion and soil environmental pollution. PREREQUISITE: AGRO 2051.
*EMS 3050 (EMS 1011, ECON 2030, & AGECE 2003)- Environmental Regulations and Compliance (3)	Local, state and federal environmental regulations; enforcement of and compliance with regulations; roles of regulatory agencies. PREREQUISITES: EMS 1011, ECON 2030 OR AGECE 2003.

ENVIRONMENTAL STUDIES

*ENVS 1126 Introduction to Environmental Sciences (3)	Essential principles of environmental sciences; comprehensive and fundamental understanding of sound science, stewardship and sustainability in environmental sciences; interactions and relations between humans and earth; an up-to-date look at today's global, national and regional environmental issues.
ENVS 4900 (RNR 4900) – Watershed Hydrology (3)	The principles of hydrology with emphasis on how natural systems are analyzed, modeled and used in

	<p>management decisions; laboratory exercises involve hands-on experience with hydrologic data analysis, use of geographic information systems (GIS) and spatial modeling. <i>1.5 hrs lecture; 1.5 hrs lab.</i></p> <p>PREREQUISITES: AN INTRODUCTORY STATISTICS COURSE.</p>
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GEOGRAPHY

GEOG 2200 – Hazards, Disasters and the Environment (3)	Exploration of the interaction processes between natural/technical hazards and society that cause disasters; introduction to the natural and technological hazards and disasters; hazards and disaster management; environmental considerations and impacts.
GEOG 3001 - Geography of Louisiana (3)	Development and current distribution of physical and human geography of Louisiana.
GEOG 4020 (ANTH 4024) – Aerial Photo Interpretation and Image Processing (3)	Analysis and mapping of geological features, hydrological process, landforms, cultural features, natural resource, and environmental phenomena from aerial photographs and satellite images.
* GEOG 4022 - Geomorphology (3)	May be taken for elective geology credit. Basic principles underlying the study of landforms; emphasis on processes shaping the natural landscape. PREREQUISITE: GEOG 2051 OR GEOL 1001.
* GEOG 4024 (OCS 4024)- Coastal Morphodynamics (3)	Basic morphodynamic processes operative along coasts; emphasis on modern coastal process response systems. PREREQUISITES: MATH 1021, MATH 1022, MATH 1023.
* GEOG 4029 - Coastal Resource Management (3)	Introduction to coastal environments and contemporary global coastal and estuarine management.
GEOG 4073 - Urban Geography (3)	Internal arrangement, external relations and locational aspects of urban places, with emphasis on U.S.; urban places identified by presence of tertiary economic activities.
GEOG 4074 (ANTH 4074)- Place and Culture (3)	Consideration of place and culture as two core concepts in geography and anthropology.
* GEOG 4078 - Environment and Development (3)	Geographic theories and methods for analyzing relationship between environment and development.
* GEOG 4086 (ANTH 4086) - Human–Environment Interactions (3)	Cultural adaptation to difficult and distinctive environments, including mountains and highlands, the arctic, deserts, the humid tropics and grasslands; subsistence strategies, local knowledge, household economies, land use practices and resource management institutions.
GEOG 7074 (ANTH 7074) – Poetics of Place (3)	Combination of the observational method of social science with the literary insights of poetry and fiction; understanding of how places where humans live out their lives convey a variety of meanings beyond that of the strictly utilitarian.

PREREQUISITE: ANTH 4074/GEOG 4074 OR PERMISSION OF INSTRUCTOR.

HORTICULTURE

HORT 2011 (AGRO 2011 & EMS 2011)- Analysis of Environmental Issues (3)	An introduction to reading, writing and speaking in the sciences, with an emphasis on environmental topics. PREREQUISITE: ENGL 1001.
HORT 2020 - Installation and Maintenance of Ornamentals in the Landscape I (2)	Introduction to soil analysis and preparation; installation and maintenance of landscape plants including trees, shrubs, perennials and annuals; irrigation installation and repair. <i>One-hour lecture; two hours lab.</i>
HORT 2050 – General Horticulture (3)	Science and art of modern horticultural plant production, including plant anatomy, growth, propagation, nutrition, and pest management; review of the horticulture industry, including fruit, vegetable and ornamental crop production. <i>This is a Gen Ed course.</i>
HORT 2061 – Plant Propagation (3)	Principles of sexual and clonal propagation of plants; commercial production of horticultural crops. <i>This is a Gen Ed course.</i> PREREQUISITE: HORT 2050 OR CONCURRENT ENROLLMENT.
HORT 2086 (AGRO 2086) – Introduction to Turfgrass Management (3)	Turfgrass identification and adaptation; establishment and maintenance of high-quality turf areas; turfgrass pests and their control. <i>Required field trips. 2 hrs lecture; 3 hrs lab.</i> PREREQUISITE: BIOL 1202 OR BIOL 1002; AGRO 2051 OR EQUIVALENT.
HORT 2120 – Woody Plant Materials I (3)	Identification and study of trees, shrubs, vines and groundcovers; cultural and visual characteristics of plants used in landscape design. <i>2 hrs lecture, 3 hrs lab.</i>
HORT 2121 – Woody Plant Materials II (3)	Continuation of HORT 2120 with an introduction to interior plants, native plants and nursery production. <i>Two hours lecture, three hours lab.</i> PREREQUISITE: HORT 2120 OR CONSENT OF INSTRUCTOR.
HORT 2525 - Organic Gardening & Sustainable Crop Production (4)	Principles and practices of organic vegetable and sustainable crop production; encompasses the ecological, economic, and social components of organic and sustainable crop farming systems. <i>3 hrs lecture; 3 hrs lab.</i>
HORT 3015 - Urban Landscape Management (3)	Methods for sustainable management of the landscape through proper installation, soil management, plant care, pesticide management, employee management and cost accounting. <i>This course is part of ACCEPtS.</i> PREREQUISITE: HORT 2050 OR EQUIVALENT.
HORT 3040 - Landscape Construction (2)	Survey of construction techniques and materials used in landscape contracting including drainage systems, paving, retaining walls, decking and fencing. <i>1 hr lecture; 2 hrs lab.</i>

HORT 3122 - Herbaceous Plant Material (3)	Identification and study of herbaceous plant materials used in ornamental horticulture and landscaping. <i>Two hours lecture, three hours lab.</i>
INTERIOR DESIGN	
ID 2770 – Color and Illumination I (3)	Nature, theory, and art of color and light applied to two- and three- dimensional basic design projects. <i>One-hour lecture; four hours studio.</i> PREREQUISITE: SOPHOMORE STANDING THE MAJOR; NONMAJORS BY CONSENT OF INSTRUCTOR ONLY.
ID 3770 – Color and Illumination II (3)	Quantitative and qualitative aspects of color/light; application to interior design. <i>One-hour lecture; four hours studio.</i> PREREQUISITE: JUNIOR STANDING IN MAJOR; NONMAJORS BY CONSENT OF INSTRUCTOR ONLY.
OCEANOGRAPHY & COASTAL SCIENCES	
OCS 4024 (GEOG 4024) – Coastal Morphodynamics (3)	Basic morphodynamic processes operative along coasts; emphasis on modern coastal process response systems. PREREQUISITES: MATH 1021, MATH 1022, MATH 1023.
OCS 4308 (BIOL 4308) – Plants in Coastal Environments (3)	Ecology of Louisiana’s major coastal plant communities; emphasis on influence of environmental factors controlling plant distribution and productivity; physiological, morphological and anatomical mechanisms aiding plant survival; man’s impact on Louisiana’s coastal plant communities. PREREQUISITE: COURSE IN BIOLOGY OR ECOLOGY, OR INSTRUCTOR CONSENT. WEEKEND FIELD TRIPS.
OCS 4565 – Restoration Ecology/Ecological Restoration (3)	The science of restoration ecology and the practice of ecological restoration. Field trips. Students are responsible for paying some expenses for field work. <i>Two hours lecture; one-hour lab.</i> PREREQUISITE: PERMISSION OF INSTRUCTOR.
RENEWABLE NATURAL RESOURCES	
RNR 2001 - Trees and Woody Plants of the Southeast (2)	Principal trees of the southeastern U.S.; their identification, classification, nomenclature, and distribution. Emphasis on southern timber species; common shrubs, ornamentals, woody vines and some herbaceous plants will also be covered. <i>Students are responsible for paying for travel expenses associated with this course. One-hour lecture; 3 hours lab.</i> PREREQUISITE: “C” OR BETTER IN RNR 1010 OR RNR 1071, “C” OR BETTER IN BIOL 1202.
RNR 2003 – Trees and Woody Plants of the Easter and Western United States (1)	Important trees of the eastern and western U.S.; their identification, distribution, and value. Emphasis on important timber species and a limited number of common woody shrubs. <i>Students are responsible for paying for travel expenses associated with this course.</i> PREREQUISITE: RNR 2001 OR CONSENT OF INSTRUCTOR.

RNR 4900 (ENVS 4900) – Watershed Hydrology (3)	The principles of hydrology with emphasis on how natural systems are analyzed, modeled and used in management decisions; laboratory exercises involve hands-on experience with hydrologic data analysis, use of geographic information systems (GIS) and spatial modeling. <i>One and ½ hours lecture; one and ½ hours lab.</i> PREREQUISITES: AN INTRODUCTORY STATISTICS COURSE.
RNR 7017 - Restoration and Management of Wetland Functions (4)	Wetland ecology with a focus on functions valued by society; natural history of commonly managed wetland types; fundamentals of restoration ecology; wetland restoration programs in theory and in practice. <i>Two weekend field trips; one five-day field trip. Students are responsible for paying for travel expenses associated with this course. Two hours lecture, 6 hours lab.</i>

Notes: * Satisfies Natural Systems Elective.

COMMON UNDERGRADUATE MINORS

Any course required for an officially declared minor counts as a Professional Elective.

Advisors should encourage students to declare a minor, if they are interested in adding expertise to their landscape architecture degree. Students must meet with Erin and officially declare a minor. This should be done as early in their school career as possible. The course requirements for typical minors are below, followed by a list of other compatible minors.

According to the LSU A+D Website, students in the College of Art & Design may pursue a minor field under the following guidelines:

- Earn a minimum of 15-18 semester hours in the minor field. See the individual curricula for specific courses.
- Earn a minimum GPA of 2.00 in the minor field.
- Courses used to satisfy minor requirements may not be taken on a pass-fail basis.

A minor field may be selected from any major field currently offered by the college in which appropriate requirements for a minor have been established. Minors outside the college can be established, provided that the minor conforms to the guidelines noted above for minors in the college and the minor meets the guidelines established by the department, school, or college concerned.

Students who major in one of the studio art concentrations or students from other colleges may pursue an undergraduate minor in art history, ceramics, digital media AVATAR arts, fine art, painting and drawing, photography, printmaking, or sculpture. Please check prerequisites for all courses.

ART HISTORY MINOR (ARTHS) – College of Humanities & Social Sciences

- ARTH 1440, ARTH 1441, and
- 12 additional hours in art history at the 4000 level or above.

BUSINESS ADMINISTRATION MINOR (BADM) – E. J. Ourso College of Business

- 18 hours of the following
 - ACCT 2000 or ACCT 2001; ECON 2030; FIN 3715; ISDS 1100; MGT 3200; and MKT 3401
 - Students must also have a 2.0 GPA in the courses used to satisfy the minor. At least nine semester hours must be taken on this campus and, of the nine hours, three must be at the 3000 or 4000 level.

COMMUNICATIONS STUDIES MINOR (CMST) – College of Humanities and Social Science

- CMST 1150 or CMST 1061

- 12 additional hours in departmental courses, of which at least 6 hrs. must be at the 3000 level or above

CONSTRUCTION MANAGEMENT MINOR (CM) – College of Engineering

- 18 hours of the following courses, not including necessary prerequisites.
 - All students must take CM 2116, CM 1112, CM 2113, CM 3111, CM 4101
 - Required to complete 3 semester hours of one of the following: CM 2112, CM 2501, CM 2215, or CM 4211
- All above CM 1112 are restricted to declared CM majors or minors
- “C” or better is required

ENVIRONMENTAL SCIENCES MINOR (ENVS) – College of Coast & Environment

- 15 hours of coursework as follows:
 - 12 hrs. of core courses: ENVS 1126 (or ENVS 1127) plus 1 course from each area below:
 - *Biophysical*: ENVS 4035 (or ENVS 4036), ENVS 4101, ENVS 4477 & ENVS 4600
 - *Planning & Management*: ENVS 4261, ENVS 4262, ENVS 4264 & ENVS 4266
 - *Assessment & Analysis*: ENVS 3102, ENVS 4145, ENVS 4149 & ENVS 4900
 - 3 hrs. of ENVS course from the above listing, or ENVS 3999, or any 2000-level or higher courses approved by the department

GEOGRAPHY MINOR (GEOG) – College of & Social Sciences

- 1 course selected from GEOG 1001 or GEOG 1003; GEOG 2050 and GEOG 2051;
- 1 course selected from GEOG 2080, GEOG 4020, GEOG 4041, and GEOG 4045; and
- 2 additional 3000 or 4000 level geography courses

GEOGRAPHIC INFORMATION SYSTEMS MINOR (GIS)

- 15 hours of course work, plus prerequisites
 - 9 hours of core courses: GEOG 4045, GEOG 4047, GEOG 4048
 - 6 hours from: GEOG 2040, GEOG 4020, GEOG 4042, GEOG 4044, GEOG 4046; ENVS 4145, ENVS 4149 or any courses approved by the program director

HORTICULTURE MINOR (HORT) – College of Agriculture

- 7 hours consisting of HORT 2050, HORT 2061, and HORT 2070; and
- 11 additional hours in HORT

PHOTOGRAPHY MINOR (PHOTO) – College of Art & Design

- ART 2995, ART 2996, ART 3994, ART 3996, ART 4941
- 3 hours from: ART 4994, ART 4996, or ART 4997

OTHER POTENTIAL MINORS

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| • African & African American Studies (AAAS) | • English (ENGL) |
| • Agriculture (AGRI) | • Entrepreneurship (ENSH) |
| • Agronomy (AGRO) | • Environmental Engineering (EVEG) |
| • Anthropology (ANTH) | • Environmental Management Systems (EMS) |
| • Aquaculture (AQUA) | • Fine Art (FNART) |
| • Architectural History (ARCHH) | • Fisheries (FISH) |
| • Biological Engineering (BE) | • Forestry (FOR) |
| • Biological Sciences (BIOL) | • French (FREN) |
| • Ceramics (CERAM) | • Geology (GEOL) |
| • Community Design (CMDSN) | • German (GERM) |
| • Disaster Science & Management (DSMG) | • Heritage Conservation (HRTCEN) |

- International Studies (INTL)
- Mass Communication – General (MCGEN)
- Materials Science and Engineering (MATSC)
- Oceanography & Coastal Sciences (OCS)
- Painting & Drawing (PAINT)
- Printmaking (PRINT)
- Professional Leadership (PRFLD)
- Sculpture (SCULP)
- Sociology (SOCL)
- Spanish (SPAN)
- Visual Communications for CoAD (VIS)
- Visual Communications (VISD)
- Wildlife Ecology (WECOL)
- Women's & Gender Studies (WGS)