Loyola University New Orleans Environment Program



Student Resource & Advising Manual September 2013

on-line version

This booklet was developed by the Environment Program to help students understand the academic procedures of the Program and its College. It is dedicated to them and to Kathy Anzelmo (pictured with students on the cover), who recently relocated to Colorado after lifelong service as New Orleans teacher of biology, campus activist and inspiration of the awesomeness of life on earth. Please use it along with the on-line LOYOLA UNIVERSITY UNDERGRADUATE BULLETIN where you will find additional information on College of Humanities and Natural Sciences (HNS) requirements. It's up to you to become familiar with the information contained both here and there.

WELCOME

Welcome to Loyola University and the <u>Humanities and Natural Sciences' Environment</u> <u>Program</u>. We're glad you're here and we hope your educational experience at Loyola is rewarding. The success of your collegiate years will depend enormously upon your own efforts and on your wise use of the opportunities that will be offered to you. We in the Environment Program want to help you understand the educational philosophy, the academic requirements and the curricular and co-curricular opportunities at Loyola University.

There are specific requirements that must be satisfied before you can be granted an academic degree. Although your adviser and others will assist you, you need to know from the beginning that it is your responsibility to understand these requirements and to plan a course of study that will satisfy them. You are responsible for learning university and college regulations as stated in the Loyola University Undergraduate Bulletin. The information that follows is intended for quick, easy reference to some of the more important academic policies of Loyola and the Environment Program.

ENVIRONMENT PROGRAM ADMINISTRATION

You are welcome to visit with your questions:

Dr. Francis Coolidge(Director)865-3957/fpcoolid@loyno.edu/434BobetHall **Christine Murphey**(HNS) 865-2599/cmurphey@loyno.edu/202BobetHall

ABOUT THE ENVIRONMENT PROGRAM	3
major and minor programs	3
faculty	3
how to declare	5
opportunities in the environment program	4-5
ADVISING	5-9
DPCLs and Minor Tracking Sheet	5
CAPSTONE and related forms	10-11
SUPPORT	12

ABOUT THE ENVIRONMENT PROGRAM

The Environment Program offers three majors and a minor. Students can pursue a B.S. in Environmental Science, with a concentration in the Biological Sciences, or a B.A. in Environmental Studies, with either a Humanities or Social Science concentration. Students can also pursue a minor in Environmental Studies. The curriculum in all degree programs is designed to provide students with a broad exposure to different perspectives on understanding environmental issues. At the same time, majors specialize within certain disciplines to enhance their knowledge and skills in ways that fully prepare them for graduate or professional schools and, ultimately, careers in their chosen environmental field.

Students majoring in Environmental Science acquire basic knowledge of the physical and biological aspects of ecological systems and apply this knowledge to solving problems arising from human activities. Environmental Science students take a 4-course core curriculum that consists of an introductory foundations course, a course in statistics, an ecology and evolution course, and a senior capstone course, as well as concentration courses within their major, major electives, and selected adjunct courses in Humanities and Social Sciences. See chn.loyno.edu/environment for more details. Environmental Studies majors take an integrated approach to study human interactions with the environment and generally emphasize studies in policy, law, economics, literature, sociology, communications, philosophy and religious studies. Environmental Studies students also take the 4-course core curriculum, and an adjunct Natural Science course.

The culmination of the major and minor is a senior capstone consisting either of an internship (ENVA A497), a research project or thesis (ENVA A498) or an independent study (ENVA A499). Students generally enroll for one of these options in their senior year and must submit a proposal for approval by an Environment Program faculty member. The internship or research/independent study project/thesis will be directed by a participating Environment faculty member selected by the student. (See page 12 for full description of the senior capstone.)

FULL-TIME FACULTY

Dr. Paul Barnes	Biological Sciences	pwbarnes@loyno.edu
Dr. John Clark	Philosophy	clark@loyno.edu
Barbara Ewell	English	bewell@loyno.edu
Eric Hardy	History	emhardy@loyno.edu
Craig Hood	Biological Sciences	chood@loyno.edu
Frank Jordan	Biological Sciences	jordan@loyno.edu
Michael Kelly	Mathematics	kelly@loyno.edu
Kenneth Keulman	Religious Studies	kkeulman@loyno.edu
Lynn Vogel Koplitz	Chemistry	koplitz@loyno.edu
Anthony Ladd	Sociology	aladd@loyno.edu
Kathleen O'Gorman	Religion and Education	ogorman@loyno.edu
Christopher Schaberg	English	schaberg@loyno.edu
Aimée K. Thomas	Biological Sciences	akthomas@loyno.edu
Robert Thomas	Center for Environmental Communication	rathomas@loyno.edu
Robert Verchick	Center for Environmental Law and Land Use	verchick@loyno.edu
David White	Biological Sciences	dawhite@loyno.edu

OPPORTUNITIES IN THE ENVIRONMENT PROGRAM

INTERNSHIPS

In the past, Environment students have completed internships with Tulane Environmental Law Clinic, Audubon Nature Institute, Crescent City Farmer's Market, Hollygrove Market and Farm, Deep South Center for Environmental Justice and Sankofa Community Development Corporation. Contact the Environment Program for a complete list.

ORGANIZATIONS

The Loyola Association of Students for Sustainability (LASS) is an on-campus organization open to all students interested in working to promote sustainability practices at Loyola and the greater New Orleans area. Visit LASS on Facebook.

LUCAP, the Loyola University Community Action Program, is a student-initiated, student-led volunteer service and advocacy organization. LUCAP is open to all students, offering them opportunities for direct service related to social justice issues, including environmental issues. Visit Loyola University Community Action Program on Facebook.

The Sustainability Committee is made up of Loyola students, staff and faculty who take on a variety of campus environmental issues. Contact (Chair) Dr. Bob Thomas (rathomas@loyno.edu) or (Vice Chair) Josh Daly (jdaly@loyno.edu) to get on the email list for meeting announcements and campus greening discussions.

The Loyola New Orleans Natural History Club organizes field trips for the Loyola community to historically significant native ecosystems. Contact Jenny Simon (jmsimon@loyno.edu) to get on the event emailing list.

STUDY ABROAD

Visit the Center for International Education in Mercy Hall (2020 Calhoun) Room 301 (studyabroad.loyno.edu) for information on such programs as Loyola Exchange – Pontificia Universidad Católica del Ecuador, Loyola Exchange – Keele University Exchange (UK), Loyola Exchange – Universiteit van Amsterdam, and Loyola Exchange – Massey University (New Zealand).

ENVIRONMENT PROGRAM HONORS

Majors may earn Program honors by completing all departmental and university academic requirements; maintain at least 3.0 in their major and overall GPA; complete six credit hours of research credit (ENVA A498) with a grade of A; complete a substantive and original research thesis or body of creative work; and present your scholarly findings to the university community or at an approved scholarly conference. Each honors student must form a thesis committee consisting of his or her research mentor and at least one other member of the Environment Program. This committee will approve a research proposal and review the final thesis.

ENVIRONMENT PROGRAM STUDENT AWARDS

The Environment Program gives two student Service Awards in May, one to an Environment Major and one to an Environment Minor. The Program also gives two Academic Awards, one to an Environment Major and one to an Environment Minor for academic excellence.



Bansky on South Rampart Street

GENERAL ADVISING INFORMATION

Students may declare their major on LORA. Minors are declared in person at the HNS Dean's Office. Each student in the Environment Program is assigned an adviser (please contact Christine Murphey if you are unsure who your adviser is). The advisee/adviser relationship can be one of the most valuable you will have during your years at the university. Advisers assist students in developing a suitable educational plan and in finding ways to deal with issues that come up along the way. Students are encouraged to work closely with their advisers, not just during early registration periods but throughout each academic year. Watch your e-mail for more announcements.

If you wish to select a different adviser at any time for any reason, you may do so by contacting the Director or Christine Murphey in the HNS office. Your adviser has your degree plan (Degree Program Couse Listing referred to as your DPCL) showing all courses required for graduation. Students are strongly encouraged to use a duplicate worksheet and maintain it so you are prepared when you meet with your adviser. You may download your DPCL at:

Environmental Biology 2013-2014 Environmental Biology 2012-2013

Environmental Studies <u>Humanities</u> 2013-2014 <u>Humanities</u> 2012-2013 <u>Social Sciences</u> 2013-2014 <u>Social Sciences</u> 2012-2013

Environmental Studies Minor

REGISTRATION

Registration is held at the beginning of the fall, spring and summer terms. Early registration for spring is held in October, and early registration for summer and fall begins in April. Working with your adviser, you select courses for each term. Your adviser must sign the advising form. The adviser may register you online or activate your Personal Identification Number needed to access LORA (Loyola's Web registration system) so you can register.

REGISTRATION HELP WITH ENVIRONMENT PROGRAM REQUIREMENTS

Finding Environment Program Courses on LORA: Click "Schedule of Classes." In "Select Subject" box scroll down and click "Environmental Program."

<u>MATH A260:</u> (required for Environmental Studies majors; optional for Environmental Science majors) normally requires a MATH A257 prerequisite and LORA prevents registration in the class without it. You, however, don't need the prerequisite. If you want to register for MATH A260 (without completing MATH A257) please contact Christine Murphey and she will register you for the course.

<u>Math options</u>: if MATH A241 OR MATH A260 are not being offered and you are close to graduation, PSYCH A303 (Statistics and Methods) and DECS B205 (Business Statistics) have been used as substitutes although both have prerequisites. Also, departments offering these courses give preference to their majors. Please contact your adviser prior to your senior year registration if this is your case. You may be advised to take an equivalent class at Tulane.

<u>Ecology and Evolution Requirement for Environmental Studies Majors:</u> LORA will not allow you to register for BIOL A208 without having taken BIOL A108 as a prerequisite. Social Science and Humanities track Environmental Studies majors are not required to take this prerequisite. Please contact Christine Murphey and she will register you for the course.

<u>Additional Course Offerings for Credit</u>: Consult your adviser to learn which "experimental" courses will also count toward major concentration or minor requirements, even if they aren't listed on your DPCL or tracking sheet. Watch for e-mails about these courses before registration.

HOW TO SELECT MAJOR ELECTIVE COURSES

Each major requires you take a major elective course. You will find this on the DPCL under the "Major Elective" line on the Environmental Studies Humanities concentration (ENVH), and Social Sciences concentration (ENVS), but look for the line for "Env. Major Elective" instead on the Environmental Science (ENVB) DPCL. In the boxes below (see page 8) you will see the courses listed for each major that will fulfill this "Major Elective" requirement. In addition to the Major Elective, *ENVB Majors also need to take both a humanities elective and a social science elective* (see the "Env. Humanities Elective" and "Env. Social Science Elective" on the DPCL). Any course listed under "Humanities Courses" in the ENVB box will count toward the humanities elective and any course listed under "Social Science Courses" will count towards the social science elective.

See pages 12-15 for DPCLs for each major and a minor tracking sheet.

APPROVED COURSES FOR "MAJOR ELECTIVE"

Environmental Biology Major (ENVB)

"ENV. MAJOR ELECTIVE" requirement can be fulfilled by:				
Humanities Courses:	Social Science Courses:	ENVB Major Courses:		
ENGL A352 Literature and Environment PHIL J243/V243 Env Philosophy PHIL J245/V245 Env Ethics PHIL V267 Tech and Human Values RELS A368 Christianity and the Env RELS A470 Spirituality of the Nature Wri	SOCI A285 Sociology of Disaster SOCI A355 Environmental Socio CMMN A475 Env Communications SOCI J236/X236 Global Env Crisis	BIOLOGY: A118/J250 Trop Eco, A322 Pop Gen A324 Evo Bio, 328 Genet Anal, A330/A331 Ecolgy, A334/A335 Bio Fishes, A336 Animal Beh, A338/339 Plant Ecology, A355 Cons Biol, A356/A357 Aquatic Microbiology, J230/Z230 Human Ecology, J236/Z236 Evolution, J237 Marine Bio, J240 Plant Natl Hist, J244/Z244 Mississippi River Delta Eco, J262 Human Soc Bio (approval Pending), J264/Z264 Global Ecology		
OR ENVA A498 Research, ENVA A499 Independent Study				

Environmental Studies Major – Social Sciences Concentration (ENVS)

"MAJOR ELECTIVE" requirement can be fulfilled by:				
Natural Science Course:	Non-Natl Sc/Non-Social Sc (Humanities) Courses			
BIOL A118/J250 Tropical Ecology	ENGL A352 Literature and Environment			
BIOL A355 Conservation Biology	PHIL J243/V243 Enviro Philosophy			
BIOL J236/Z236 Evolution	PHIL V267 Tech and Human Values			
BIOL J237/Z237 Marine Biol & Cons	PHIL 1 J245/V245 Environmental Ethics			
BIOL J240/Z240 Plant Natural History	RELS A470 Spirituality of Nature Writers			
BIOL J244/Z244 Miss River Delta Eco	RELS A368 Christianity and the Enviro			
BIOL J264/Z264 Global Ecology	•			
OR any additional course from Natl Science Elective list for the ENVB major (after prerequisites are met)				
OR ENVA A498 Research, ENVA A499 Independent Study				

Environmental Studies Major – Humanities Concentration (ENVH)

"MAJOR ELECTIVE" requirement can be fulfilled by:				
Natural Science Course:	Non-Natl Sc/Non-Hum (Soc Sc) Cours	ses: Humanities Courses:		
BIOL A355 Conservation Biology BIOL J230 Human Ecology BIOL J236 Evolution	SOCI A285 Sociology of Disaster SOCI A355 Environmental Socio SOCI J236/X236 Global Enviro Crisis	ENGL A352 Literature and Environment PHIL J243/V243 Env Philosophy PHIL J245/V245 Env Ethics		
BIOL J237 Marine Biology & Cons BIOL J240 Plant Natural History BIOL J244 Missi River Delta Ecology	CMMN A475 Enviro Comm	PHIL V267 Tech and Human Values RELS A368 Christianity and the Env RELS A470 Spirituality of Nature Writers		
BIOL J250/A118 Tropical Ecology BIOL J264 Global Ecology				
OR any additional course from Natl Science Elective list for the ENVB major (after prerequisites are met) OR ENVA A498 Research, ENVA A499 Independent Study				

Contact your adviser or the Environment Program for any updates on your course options.

DROP/ADD and WITHDRAWAL

During the first 5 days of classes, students are permitted to add courses. You may drop courses during the first 10 days. Courses dropped within the drop/add period will not appear on your record. You may drop or add at the Office of Student Records, the HNS office or on LORA. Beginning with the second week of classes and continuing to approximately one week after midterm, you may receive an administrative withdrawal from a course by completing a withdrawal form. This form must be signed by the course instructor and your adviser and then submitted to the University's Office of Student Records (MA 250). Courses from which you withdraw during the administrative withdrawal period will appear on your record with a W in the grade column. The date of the last day to withdraw from a course is printed in the semester academic calendar available on Loyola's website and in the Registration Schedule. After the deadline for an administrative withdrawal, you must complete the course. You will receive a grade in the course, even if you stop attending.

ON COURSE REPORT

Whenever in doubt about your remaining course work required for the degree, please refer to the On Course – Academic Progress Reports listed on LORA. It's also important for you to review the report with your adviser. She/he will forward any discrepancies to the appropriate office. The On Course – Academic Progress Report is an advising tool only, designed to assist your faculty adviser to check your progress toward completing your degree requirements. It is NOT a degree audit, which is conducted by the Dean's office prior to graduation.

<u>Section 1</u> – Selected Student Data: lists your current program, biographical scores, completed curriculum hours and GPA summaries.

<u>Section 2</u> – Academic Requirements Remaining: lists only those course requirements that have not been satisfied. As soon as you register for a required course, it will be moved from section 2. If the minimum required grade for this course requirement is not received at the end of the semester, the course requirement will reappear in section 2. Note: If your program is asking for a course or credit hours that are different from your required courses or credit hours, bring this discrepancy to your adviser's attention so it can be addressed.

<u>Section 3</u> – Academic Requirement Completed or in Progress: displays the courses you have completed or are currently registered for and where they are being applied in your program. If course work appears under credits NOT used in Primary Degree Program, it means the course work is valid but is not required for your program.

Second major, minor, second minor, concentration or certificate requirements appear after the primary program requirements. The courses appearing in the above mentioned areas generally are re-used if they appear in the common curriculum or general elective areas. The primary major courses will not be re-used in any of the above areas.

<u>Section 4</u> – Work Not Applicable to this program: lists all invalid course work, which usually includes courses with a final grade of F, I or W.

COURSES TAKEN AT TULANE/XAVIER/NOTRE DAME SEMINARY

Loyola students may enroll (cross-register) for courses taught at Tulane and Xavier universities and Notre Dame Seminary. Students may not cross-register for a course if it is offered in the same semester or is regularly offered at Loyola. Loyola students taking these courses must be enrolled in a minimum total of 12 hours. Students must fill out a consortium/cross-enrollment registration form available in the HNS office.

COURSES TAKEN AWAY FROM LOYOLA

Under certain circumstances, students in good standing are allowed to take summer courses at another school. The student must receive prior written permission. This may be obtained in the HNS office. Permission will be granted only for compelling reasons. Only courses in which grades of "C" or higher are earned are eligible for transfer credit to Loyola.

• Students are not allowed to take courses during the summer at another university unless there is a compelling reason. We offer online courses that fulfill some of the same requirements we have received requests for.

• No courses may be taken at other local universities.

• A student must be in good academic standing in order to take courses elsewhere.

• Juniors and seniors are not allowed to take courses at community colleges.

• No courses will transfer to Loyola without prior approval from the dean. Be aware of the university's policies on summer course approval. Summer course approvals by the department will not automatically receive the dean's approval.



Before making plans check your:

ACADEMIC CALENDAR

See the calendar for drop/add dates, holidays, exam schedules and more. academicaffairs.loyno.edu/records/academic - calendars/

Senior Capstone Experience

Prerequisites: completion of 12 hours of course work in the program. Senior Capstone Experience Proposal submitted and approved by a Loyola ENVA faculty member. **Choose one of the following:**

- **ENVA A497** this is the course number assigned for a practicum experience that usually involves service learning-type projects or other volunteer work at some community, government, tourism, or non-government organization; however, it is not limited to these organizations. It is expected that students will receive no salary compensation for this work, to avoid conflicts of interest. Students can find their own practicum or contact the ENVA office for a list of practicum locations which they can pursue.
- ENVA A498 this is the course number assigned for a research experience that involves original ideas developed through data collection or library study. This type of experience is often viewed as traditional scholarship in the broadest sense. A faculty member whose research is related to the student's may serve as both Project Director and Sponsor.
- ENVA A499 this is the course number assigned for an independent study experience that involves formal supervised activities providing educational experiences focused on Environmental Studies. A wide latitude of experiences are possible here, so care must be taken in formulating the agreement between student and Project Director to spell out exact requirements for completion of this effort.

You need a:

- **Project Director**: Loyola ENVA faculty member or a person outside of Loyola's ENVA faculty (e.g., for off-campus projects) who agrees to oversee all aspects of the project including the final write-up. If your Project Director is not an ENVA faculty member you also need a Project Sponsor.
- **Project Sponsor**: Loyola ENVA faculty member to act as the liaison between the Project Director (if outside the university) and university by overseeing completion of the formalities for university credit, including grading the effort after consultation with the Project Director. This also includes overseeing that deadlines are met and all forms completed and turned in to the Environmental Studies Program Director.

Requirements for completion of The Senior Capstone Experience: Students are responsible to complete the following steps and meet with their ENVA faculty Project Director or Sponsor for approval as each step is completed. The student must also meet with the Environment Program Director for final approval prior to graduation. **These steps are:**

- An Independent Studies course form must be completed, usually at the beginning of the semester in which the Senior Experience takes place. This standard university administered form is used for all three courses ENVA 497, 498, 499 and it is available in the Dean's office. A Loyola Environmental Studies faculty (Project Director or Sponsor) must sign the completed form (filled out with the title for The Senior Experience and one of the three course numbers).
- A practicum/study/research <u>Agreement Sheet</u> (signed by the student, Project Director, and Sponsor if needed) must be filled out before the project begins. (download the Agreement Sheet at: chn.loyno.edu/environment/new-senior-experience).

- The student is expected to complete at least 120 hours for The Senior Capstone Experience.
- An interim report by the student must be submitted to the ENVA Project Director/Sponsor. The nature and due date of this report will be specified by the Project Director/Sponsor at the beginning of the project.
- At the completion of the project, the student will submit a final written report on The Senior Capstone Experience to the Project Director/Sponsor. A copy of the final report should also be given to the Environmental Studies Program Director. Included in this final report should be a discussion on how this experience contributed to his or her environmental studies education. The nature and length of the paper is to be negotiated between the student and the Project Director/Sponsor.
- If there is a Project Sponsor for The Senior Capstone Experience, the student must have his or her Project Director submit to the Sponsor and Environment Program Director a practicum/study/research <u>Evaluation Sheet</u> at the completion of the project. (Download the Evaluation Sheet at: chn.loyno.edu/environment/new-senior-experience.)
- All of the above must be completed by May 1st of the graduation year or August 1st of the graduation summer (or a date set by the faculty sponsor).
- The faculty Project Director/Sponsor will assign a grade for the course that assesses the student's performance based on the Project Director's/Sponsor's evaluation and the student's written report.
- The Environment Program Director and Sponsor will write the Project Director of the student (if not a Loyola ENVA faculty) a note of appreciation for his or her time and effort.



........ don't forget to see your adviser!

Charles Schultz

SUPPORT SERVICES

Loyola offers many support services, both academic and non-academic.

The Writing Across the Curriculum Lab offers assistance with writing projects for all courses. Lab location: 100 Bobet Hall. Open: days/evening M-Th; days F & Su (summer on-line only).

The Mathematics Department sponsors a lab for students enrolled in any of the Math courses. Lab location: 263 Monroe Hall. Open: days/evening M-Th; days F.

The Academic Resource Center offers a variety of services, including tutoring, study skills classes and testing for all subjects. Center location: 112 Marquette Hall. Open: days/evenings M - Th; days F.

The Career Development Center has an extensive range of programs in which students can participate from the beginning of their Loyola career (interest assessment tests) to the end (job placement). Center location: 208 Danna Center.

Personal counseling is available to all students at the University Counseling Center. Center location: 208 Danna Center. Call (504) 865-3835 for an appointment.

University Ministry provides many activities to enhance student life at Loyola, including the opportunity to engage in the Loyola University Community Action Program and offcampus retreats. Office Location: 104 Bobet Hall. For more program information see their website at: mm.loyno.edu/university-ministry/programs





Bansky

Seventh Ward, New Orleans