ENVIRONMENTAL STUDIES/ DIGITAL MEDIA AND STORYTELLING (BA/MC)

Loyola’s School of Communication, in partnership with the School of Environmental Sustainability, will offer a new program that will enable students to earn an undergraduate and graduate degree in environmental communication in five years.

The new Accelerated Bachelor’s/Master’s (ABM) program will allow SOC students to earn their undergraduate degree in their declared major, plus a master’s degree in Environmental Science and Sustainability.

Similarly, SES students will earn their undergraduate degree in their declared major, while also earning a master’s degree from the SOC in either the Digital Media and Storytelling or Global Strategic Communication graduate programs.

The School of Communication and School of Environmental Sustainability spent two years developing this unique ABM program, joining only a handful of universities across the nation offering such a dual degree. The new program will begin in Fall 2022.

The two schools developed the ABM program to train environmental scientists to be better communicators, and communication professionals to better understand environmental science.

While environmental scientists are trained to investigate, analyze data and interpret results, they are not taught how to communicate their results and conclusions in ways that are readily accessible to the general public, CEOs, or legislators.

Equally, while journalists, filmmakers and television producers may have the skills to tell compelling stories, they often lack the scientific background to understand and properly relate the impact of climate change, pollution, and loss of biodiversity.

For students in the School of Communication, the ABM program will help deepen their understanding of complex socio-ecological issues and their connection with sustainable development goals, while also expanding their capacity to communicate environmental science and sustainability issues to the world. Such a program can help develop better-informed journalists, documentary filmmakers, television, radio and podcast producers, public relations and advertising professionals, and social media specialists.

For students in the School of Environmental Sustainability, the ABM program will help them with writing, public speaking, conference presentations, television and radio interviews, and social media messaging.

These ABM programs are uniquely applied and strongly interdisciplinary. They integrate basic science concepts, communication theory and practice, and socio-cultural dimensions to cultivate the interdisciplinary problem-solving and communication skills necessary for developing sustainable solutions. The goals of these programs are to:

- Educate students across the sciences, social sciences and humanities, providing knowledge and interdisciplinary perspectives needed to effectively address complex environmental problems through grounding in solid scientific understanding of ecosystem operation.
- Develop skills in environmental and sustainability sciences including GIS, sustainability tracking, and environmental communications as well as important professional skills, such as interdisciplinary thinking, systems thinking, research design, data collection, data analysis, research ethics, technical writing, and communication.
- Improve communication skills by teaching students how to tell stories through enhanced speaking and presentation methods, better writing, video production, recording podcasts, developing blogs and social media.
- Prepare students for advancement in careers in the public and private sectors, including in government agencies, consulting firms, media organizations, businesses, and not-for-profit organizations.

For more information, email: LoyolaSOC@luc.edu

Dual Degree Programs

Students in dual degree programs are responsible for abiding by academic policies and graduation requirements of both academic units to which they are enrolled. It is strongly recommended that students schedule regular meetings with academic advisors from both units to ensure timely degree completion. Dual degree programs may have slightly different degree requirements from the standard for one or both of the degrees earned. Students should closely read through all degree requirements and ask for clarification as needed.

CURRICULUM

Environmental Studies BA students complete coursework spanning a variety of disciplines pertinent to the understanding of environmental issues.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 137</td>
<td>Foundations of Environmental Science I</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 237</td>
<td>Foundations of Environmental Science II</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 238</td>
<td>Foundations of Environmental Science Lab</td>
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<tr>
<td>ENVS 200</td>
<td>Environmental Careers and Professional Skills</td>
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<tr>
<td>ENVS 203</td>
<td>Environmental Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 280</td>
<td>Principles of Ecology</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 286</td>
<td>Principles of Ecology Lab</td>
<td>1</td>
</tr>
<tr>
<td>PLSC 392</td>
<td>Environmental Politics</td>
<td>3</td>
</tr>
</tbody>
</table>

Justice and Ethics Choice

Select one of the following:

- ENVS 284 Environmental Justice
- PHIL 287 Environmental Ethics
- THEO 204 Religious Ethics and the Ecological Crisis

Economics Choice

Select one of the following:

- ENVS 335 Ecological Economics
- ECON 328 Environmental Economics

Engaged Learning Choice

Select one of the following:

- ENVS 226 Science & Conservation of Freshwater Ecosystems
- ENVS 267 Bird Conservation and Ecology
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVS 273</td>
<td>Energy and The Environment</td>
<td></td>
</tr>
<tr>
<td>ENVS 283</td>
<td>Environmental Sustainability</td>
<td></td>
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<tr>
<td>ENVS 340</td>
<td>Natural History of Belize</td>
<td></td>
</tr>
<tr>
<td>ENVS 345</td>
<td>Conservation and Sustainability of Neotropical Ecosystems</td>
<td></td>
</tr>
<tr>
<td>ENVS 350A</td>
<td>Solutions to Environmental Problems: Water</td>
<td></td>
</tr>
<tr>
<td>ENVS 350B</td>
<td>Solutions to Environmental Problems: Biogas</td>
<td></td>
</tr>
<tr>
<td>ENVS 350C</td>
<td>Solutions to Environmental Problems: Climate Action</td>
<td></td>
</tr>
<tr>
<td>ENVS 350F</td>
<td>Solutions to Environmental Problems: Food Systems</td>
<td></td>
</tr>
<tr>
<td>ENVS 391</td>
<td>Environmental Research</td>
<td></td>
</tr>
<tr>
<td>ENVS 395</td>
<td>Environmental Internship</td>
<td></td>
</tr>
</tbody>
</table>

**Capstone Choice**

Select one of the following: 3

- ENVS 390 Integrative Seminar
- ENVS 391C Independent Environmental Research (Capstone)
- ENVS 395C Environmental Internship (Capstone)

**Electives** 21

See designated elective categories below

**MC Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 400</td>
<td>Designing for Digital Environments</td>
<td>3</td>
</tr>
<tr>
<td>COMM 405</td>
<td>Story Development and Production</td>
<td>3</td>
</tr>
<tr>
<td>COMM 410</td>
<td>Media Law for Inclusive Digital Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>COMM 415</td>
<td>Data-Powered Digital Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>COMM 420</td>
<td>Digital Production: Storytelling with Impact</td>
<td>3</td>
</tr>
<tr>
<td>COMM 425</td>
<td>Digital Marketing and Analytics</td>
<td>3</td>
</tr>
<tr>
<td>COMM 430</td>
<td>2D Design for Print and the Web</td>
<td>3</td>
</tr>
<tr>
<td>COMM 450</td>
<td>Capstone II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Courses from List of Electives for DMST** 12

**BA Electives**

**Society, Ethics, and Justice**

Select two of the following: 6

- COMM 260 Environmental Journalism
- ENVS 204 Gender, Health & Environment
- ENVS 279 Climate and History
- ENVS 284 Environmental Justice
- ENVS 297 North American Environmental History
- ENVS 298 Special Topics (with SES approval)
- ENVS 310 Introduction to Environmental Law & Policy
- ENVS 311 Natural Resources and Land Use Law & Policy
- ENVS 312 Water Law & Policy
- ENVS 313 Energy Law & Policy
- ENVS 338 Climate Change and Human Health
- ENVS 350A Solutions to Environmental Problems: Water
- ENVS 350B Solutions to Environmental Problems: Biogas
- ENVS 350C Solutions to Environmental Problems: Climate Action
- ENVS 350F Solutions to Environmental Problems: Food Systems
- ENVS 383 Human Dimensions of Conservation
- ENVS 391 Environmental Research
- ENVS 395 Environmental Internship
- ENVS 398 Special Topics (with SES approval)
- ENVS 399 Directed Readings
- COMM 101 Public Speaking & Critical Thinking
- COMM 277 Organizational Communication
- COMM 306 Environmental Advocacy
- COMM 322 Guerilla Media
- ENGL 288 Nature in Literature
- PHIL 287 Environmental Ethics
- PSYC 277 Environmental Psychology
- SOCL 226 Science, Technology, & Society
- SOCL 252 Global Inequalities
- SOCL 272 Environmental Sociology
- SOCL 275 The Sociology and Politics of Food
- SOCL 278 Global Health
- THEO 204 Religious Ethics and the Ecological Crisis
- THEO 344 Theology and Ecology

**Method, Economics, and Resource Management**

Select one of the following: 3

- ENVS 298 Special Topics (with SES approval)
- ENVS 300 Introduction to Public Health
- ENVS 310 Introduction to Environmental Law & Policy
- ENVS 311 Natural Resources and Land Use Law & Policy
- ENVS 312 Water Law & Policy
- ENVS 313 Energy Law & Policy
- ENVS 332 Industrial Ecology
- ENVS 333 Introduction to the Circular Economy
- ENVS 335 Ecological Economics
- ENVS 336 Design for Circular & Sustainable Business
- ENVS 338 Climate Change and Human Health
- ENVS 351 Introduction to Sustainability Concepts & Impacts
- ENVS 363 Sustainable Business Management
- ENVS 364 Sustainability Management in the Global Context
- ENVS 383 Human Dimensions of Conservation
- ENVS 384 Conservation Economics
- ENVS 389 Ecological Risk Assessment
- ENVS 391 Environmental Research
- ENVS 395 Environmental Internship
- ENVS 398 Special Topics (with SES approval)
- ENVS 399 Directed Readings
- ECON 328 Environmental Economics
- GLST 305 Globalization and Environmental Sustainability
- MGMT 201 Managing People and Organizations
- PLSC 354 Global Environmental Politics

**Methods and Analysis**

Select one of the following: 3

- COMM 260 Environmental Journalism
- ENVS 298 Special Topics (with SES approval)
- ENVS 327 Food Systems Analysis
- ENVS 352 Sustainability Assessment & Reporting I
ENVS 353  Sustainability Assessment & Reporting II
ENVS 354  Sustainability Plan Development & Reporting
ENVS 380  Introduction to Geographic Information Systems
ENVS 381  Advanced GIS Applications
ENVS 382  Remote Sensing
ENVS 384  Conservation Economics
ENVS 388  Applied Environmental Statistics
ENVS 389  Ecological Risk Assessment
ENVS 391  Environmental Research
ENVS 395  Environmental Internship
ENVS 398  Special Topics (with SES approval)
ENVS 399  Directed Readings
ANTH 317  Ethnographic Methods
BIOL 335  Intro to Biostatistics
COMM 231  Conflict Management and Communication
COMM 234  Interviewing for Communication
COMM 277  Organizational Communication
COMM 363  Research Methods in Advertising/Public Relations
MARK 320  Marketing for Environmental Sustainability
SOCL 206  Principles of Social Research
SOCL 301  Statistics for Social Research
SOCL 302  Qualitative Research
STAT 203  Introduction to Probability & Statistics
STAT 303  SAS Programming & Applied Statistics

Environmental Electives
Choose three, at least one of which must be from List A and at least one of which must be at the 300 level):

List A
ENVS 204  Gender, Health & Environment
ENVS 207  Plants and Civilization
ENVS 218  Biodiversity & Biogeography
ENVS 223  Soil Ecology
ENVS 224  Climate & Climate Change
ENVS 226  Science & Conservation of Freshwater Ecosystems
ENVS 227R Ecology of the Mediterranean Sea
ENVS 267  Bird Conservation and Ecology
ENVS 273  Energy and The Environment
ENVS 274  Chemistry of the Environment
ENVS 278  Hydrology
ENVS 283  Environmental Sustainability
ENVS 298  Special Topics (with SES approval)
ENVS 300  Introduction to Public Health
ENVS 301  Environmental Health
ENVS 303  Introduction to Epidemiology
ENVS 319  Winter Ecology
ENVS 320  Conservation Biology
ENVS 322  Invasive Species
ENVS 325  Sustainable Agriculture
ENVS 326  Agroecosystems
ENVS 327  Food Systems Analysis
ENVS 330  Restoration Ecology
ENVS 338  Climate Change and Human Health

List B
COMM 260  Environmental Journalism
ENVS 279  Climate and History
ENVS 297  North American Environmental History
ENVS 298  Special Topics (with SES approval)
ENVS 310  Introduction to Environmental Law & Policy
ENVS 311  Natural Resources and Land Use Law & Policy
ENVS 312  Water Law & Policy
ENVS 313  Energy Law & Policy
ENVS 332  Industrial Ecology
ENVS 333  Introduction to the Circular Economy
ENVS 335  Ecological Economics
ENVS 336  Design for Circular & Sustainable Business
ENVS 354  Sustainability Plan Development & Reporting
ENVS 363  Sustainable Business Management
ENVS 364  Sustainability Management in the Global Context
ENVS 383  Human Dimensions of Conservation
ENVS 384  Conservation Economics
ENVS 388  Applied Environmental Statistics
ENVS 391  Environmental Research
ENVS 395  Environmental Internship
ENVS 398  Special Topics (with SES approval)
ENVS 399  Directed Readings
ANTH 317  Ethnographic Methods
COMM 231  Conflict Management and Communication
COMM 234  Interviewing for Communication
COMM 277  Organizational Communication
COMM 363  Research Methods in Advertising/Public Relations
MARK 320  Marketing for Environmental Sustainability
SOCL 206  Principles of Social Research
SOCL 302  Qualitative Research
BIOL, CHEM, PHYS 300-level courses (with SES approval)

Total Hours 21

Electives for Digital Media and Storytelling

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>Advertising/Public Relations</td>
<td></td>
</tr>
<tr>
<td>COMM 422</td>
<td>Global and Multicultural Audiences and Stakeholders</td>
<td>3</td>
</tr>
<tr>
<td>COMM 432</td>
<td>Nonprofit Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 433</td>
<td>Corporate Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 437</td>
<td>Advertising/PR Multimedia Commercial Production</td>
<td>3</td>
</tr>
<tr>
<td>COMM 463</td>
<td>Intermediate Advertising Design</td>
<td>3</td>
</tr>
<tr>
<td>COMM 464</td>
<td>Mobile Advertising</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Film and Production</td>
<td></td>
</tr>
<tr>
<td>COMM 439</td>
<td>Video Documentary</td>
<td>3</td>
</tr>
<tr>
<td>COMM 455</td>
<td>Animation</td>
<td>3</td>
</tr>
<tr>
<td>COMM 459</td>
<td>Advanced Post Production</td>
<td>3</td>
</tr>
<tr>
<td>COMM 494</td>
<td>Film &amp; Digital Media Internship</td>
<td>3</td>
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<tr>
<td></td>
<td>Multimedia Journalism</td>
<td></td>
</tr>
<tr>
<td>COMM 458</td>
<td>Newscasting and Producing</td>
<td>3</td>
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<tr>
<td>COMM 473</td>
<td>Digital Storytelling Abroad</td>
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<tr>
<td>COMM 492</td>
<td>Multimedia Journalism Internship</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>COMM 416</td>
<td>Special Topics in Digital Media &amp; Storytelling</td>
<td>3</td>
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<tr>
<td>COMM 479</td>
<td>Digital Sustainability</td>
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<tr>
<td>COMM 498</td>
<td>Directed Study for Graduate Students</td>
<td>1-3</td>
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</table>

Suggested Sequence of Courses

The below sequence of courses is meant to be used as a suggested path for completing coursework. An individual student's completion of requirements depends on course offerings in a given term as well as the start term for a major or graduate study. Students should consult their advisor for assistance with course selection.

To complete the Digital Media and Storytelling MC portion of the accelerated bachelor's master's program the following courses are required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
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<tr>
<td>Fall</td>
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<tr>
<td>COMM 405</td>
<td>Story Development and Production</td>
<td>3</td>
</tr>
<tr>
<td>COMM 420</td>
<td>Digital Production: Storytelling with Impact</td>
<td>3</td>
</tr>
<tr>
<td>DMST Elective</td>
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<td>3</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
<td>9</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 425</td>
<td>Digital Marketing and Analytics</td>
<td>3</td>
</tr>
<tr>
<td>COMM 430</td>
<td>2D Design for Print and the Web</td>
<td>3</td>
</tr>
<tr>
<td>DMST Elective</td>
<td></td>
<td>3</td>
</tr>
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<td></td>
<td>Hours</td>
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Master's

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<td>Fall</td>
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<tr>
<td>COMM 400</td>
<td>Designing for Digital Environments</td>
<td>3</td>
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<td>COMM 410</td>
<td>Media Law for Inclusive Digital Storytelling</td>
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<tr>
<td>DMST Elective</td>
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<td></td>
<td>Hours</td>
<td>9</td>
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<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 415</td>
<td>Data-Powered Digital Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>COMM 450</td>
<td>Capstone II</td>
<td>3</td>
</tr>
<tr>
<td>DMST Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Hours</td>
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</tbody>
</table>

Total Hours 36

Guidelines for Accelerated Bachelor's/ Master's Programs

Terms

- **Accelerated Bachelor's/Master's programs:** In this type of program, students share limited credits between their undergraduate and graduate degrees to facilitate completion of both degrees.
- **Shared credits:** Graduate level credit hours taken during the undergraduate program and then applied towards graduate program requirements will be referred to as Shared credits.

Admission Requirements

Accelerated Bachelor's/Master's programs are designed to enhance opportunities for advanced training for Loyola's undergraduates. Admission to these programs must be competitive and will depend upon a positive review of credentials by the program's admissions committee. Accordingly, the admission requirements for these programs may be higher than those required if the master's degree were pursued entirely after the receipt of a bachelor's degree. That is, programs may choose to have more stringent admissions requirements in addition to those minimal requirements below.

Requirements:

- Declared appropriate undergraduate major;
- By the time students begin taking graduate courses, the student has completed approximately 90 credit hours, or the credit hours required in a program that is accredited by a specialty organization.¹
- A minimum cumulative GPA for coursework at Loyola that is at or above the program-specific requirements, a minimum major GPA that is at or above the program-specific requirements, and/or appropriate designated coursework for evaluation of student readiness in their discipline.²

Students not eligible for the Accelerated Bachelor’s/Master’s program (e.g., students who have not declared the appropriate undergraduate major) may apply to the master’s program through the regular admissions process. Students enrolled in an Accelerated Bachelor’s/Master’s program who choose not to continue to the master’s degree program upon completion of the bachelor’s degree will face no consequences.³

Ideally, a student will apply for admission (or confirm interest in proceeding towards the graduate degree in opt-out programs) as they approach 90 credit hours. Programs are encouraged to begin advising students early in their major so that they are aware of the program and, if interested, can complete their bachelor's degree requirements.
in a way that facilitates completion of the program. Once admitted as an undergraduate, Program Directors should ensure that students are enrolled using the plan code associated with the Accelerated Bachelor’s/Master’s program. Using the plan code associated with the Accelerated Bachelor’s/Master’s program will ensure that students may be easily identified as they move through the program. Students will not officially matriculate into the master’s degree program and be labeled as a graduate student by the university, with accompanying changes to tuition and Financial Aid (see below), until the undergraduate degree has been awarded. Once admitted to the graduate program, students must meet the academic standing requirements of their graduate program as they complete the program curriculum.

1. Programs that have specialized accreditation will adhere to the admissions criteria provided by, or approved by, their specialized accreditors.

2. The program will identify appropriate indicators of student readiness for graduate coursework (e.g., high-level performance in 300 level courses). Recognizing differences between how majors are designed, we do not specify a blanket requirement.

3. If students choose not to enroll in the Accelerated Bachelor’s/Master’s program, they still must complete all of the standard requirements associated with the undergraduate degree (e.g., a capstone).

Curriculum

Level and progression of courses. The Accelerated Bachelor’s/Master’s programs are designed to be competitive and attractive to our most capable students. Students admitted to Accelerated Bachelor’s/Master’s programs should be capable of meeting graduate level learning outcomes. Following guidance from the Higher Learning Commission, only courses taken at the 400 level or higher (including 300/400 level courses taken at the 400 level) will count toward the graduate program.1,2

Up to 50% of the total graduate level credit hours, required in the graduate program, may come from 300/400 level courses where the student is enrolled in the 400 level of the course. Further, at least 50% of the credit hours for the graduate program must come from courses that are designed for and restricted to graduate students who have been admitted to a graduate program at Loyola (e.g., enrolled in plan code that indicates the Accelerated Bachelor’s/Master’s program, typically ending with the letter “D”).3

In general, graduate level coursework should not be taken prior to admission into the Accelerated Bachelor’s/Master’s program. Exceptions may be granted for professional programs where curriculum for the Accelerated Bachelor’s/Master’s program is designed to begin earlier. On the recommendation of the program’s Graduate Director, students may take one of their graduate level courses before they are admitted to the Accelerated Bachelor’s/Master’s program if they have advanced abilities in their discipline and course offerings warrant such an exception.4

Undergraduate degree requirements outside of the major are in no way impacted by admission to an Accelerated Bachelor’s/Master’s program.5

Shared credits. Undergraduate courses (i.e., courses offered at the 300 level or below) cannot be counted as shared credits nor count towards the master’s degree. Up to 50% of the total graduate level credit hours, required in the graduate program, may be counted in meeting both the undergraduate and graduate degree requirements. Of those shared credits, students in an Accelerated Bachelor’s/Master’s program should begin their graduate program with the standard introductory course(s) for the program whenever possible. So that students may progress through the Accelerated Bachelor’s/Master’s program in a timely manner, undergraduate programs are encouraged to design their curriculum such that a student can complete some required graduate credit hours while completing the undergraduate degree. For instance, some of the graduate curriculum should also satisfy electives for the undergraduate major.

The program’s Graduate Director will designate credit hours to be shared through the advising form and master’s degree conferral review process. Shared credit hours will not be marked on the undergraduate record as having a special status in the undergraduate program. They will be included in the student’s undergraduate earned hours and GPA. Graduate credit hours taken during the undergraduate program will not be included in the graduate GPA calculation.

1. If students wish to transfer credits from another university to Loyola University Chicago, the program’s Graduate director will review the relevant syllabus(es) to determine whether it meets the criteria for a 400 level course or higher.

2. Programs with specialized accreditation requirements that allow programs to offer graduate curriculum to undergraduate students will conform to those specialized accreditation requirements.

3. In rare cases, the Graduate Director may authorize enrollment in a 400-level course for a highly qualified and highly motivated undergraduate, ensuring that the undergraduate’s exceptional participation in the graduate class will not diminish in any way the experience of the graduate students regularly enrolled.

4. For example, if a particular course is only offered once every 2-3 years, and a student has demonstrated the necessary ability to be successful, the Graduate Director may allow a student to take a graduate level course to be shared prior to the student being formally admitted to the graduate program. See, also, footnote 4.

5. Students should not, for example, attempt to negotiate themselves out of a writing intensive requirement on the basis of admission to a graduate program.

Graduation

Degrees are awarded sequentially. All details of undergraduate commencement are handled in the ordinary way as for all students in the School/College/Institute. Once in the graduate program, students abide by the graduation deadlines set forth by the graduate program. Students in these programs must be continuously enrolled from undergraduate to graduate degree program unless given explicit permission by their program for a gap year or approved leave of absence.

SES Shared Learning Outcomes

All SES majors share the following Program Learning Objectives, in addition to their unique major-specific Program Learning Objectives:

1. Articulate the foundational principles of natural and social sciences and humanities essential to solving environmental problems.

2. Critically evaluate the accuracy and credibility of information relating to environmental topics.

3. Employ knowledge and skills to design and implement solutions that contribute to a just and sustainable world.

4. Exemplify the values of environmental and social justice through actions to care for our common home and one another.