

UIS Master Of Science (MS) in Environmental Science (40 Hrs) – Online & On-Campus

For students with catalog year Fall 2024 or later.

REQUIRED COMMON CORE COURSES: 8 credit hours

ENS 551 Environmental Natural Sciences (4 Hrs)

ENS 552 Environmental Social Sciences and the Humanities (4 Hrs)

ENVIRONMENTAL PLANNING AND MANAGEMENT CONCENTRATION (EPM)

Required Concentration Core: 12 credit hours

- ENS 404 Fundamentals of Geographic Information Systems **or** ENS 503 Advanced GIS Applications (4 Hrs)
- ENS 501 Land Use and Environmental Planning (4 Hrs) **or** ENS 403 Transportation: Problems & Planning Procedures
- ENS 587 Natural Resources Policy and Administration (4 Hrs) **or** ENS 483 Environmental Policies: National Environmental Policy Act (4 Hrs)

Concentration Electives: 16 credit hours

Electives should be selected in consultation with academic advisor before enrollment.

Required Closure Course: 4 credit hours

ENS 510 Thesis (4 Hrs) **or** ENS 520 Graduate Project (4 Hrs) **or** ENS 550 Capstone

SUSTAINABLE DEVELOPMENT AND POLICY CONCENTRATION (SDP)

Required Concentration Core: 12 credit hours

- ENS 571 Sustainable Development (4 Hrs)
- ENS 581 Environmental Policy and Analysis (4 Hrs)
- ENS 587 Natural Resources Policy and Administration (4 Hrs) **or** ENS 483 Environmental Policies: National Environmental Policy Act (4 Hrs)

Concentration Electives: 16 credit hours

Electives should be selected in consultation with academic advisor before enrollment.

Required Closure Course: 4 credit hours

ENS 510 Thesis (4 Hrs) **or** ENS 520 Graduate Project (4 Hrs) **or** ENS 550 Capstone

ENVIRONMENTAL NATURAL SCIENCES CONCENTRATION (NSC)

Required Concentration Core Course: 4 credit hours

- ENS 543 Environmental Data Analysis with R (or another methods course approved by academic advisor before enrollment) (4 Hrs)

Concentration Electives: 24 credit hours

Electives should be selected in consultation with academic advisor before enrollment.

Required Closure Course: 4 credits

ENS 510 Thesis: (4 Hrs) **or** ENS 520 Graduate Project (4 Hrs)

Graduate Certificate in Geographic Information Systems – Online & On-Campus

REQUIRED COURSES: 12 credit hours

ENS 404 Fundamentals of Geographic Information Systems (4 Hrs.)

ENS 405 Fundamentals of Remote Sensing (4 Hrs.)

ENS 503 Advanced GIS Applications (4 Hrs.)

Students who enter the program having already taken ENS 404 or ENS 405 (or their equivalents) may petition to use ENS 403 Transportation: Problems and Planning Procedures or ENS 501 Land Use and Environmental Planning toward the certificate. Other substitutions may also be possible. Contact the GIS Lab Director to request exceptions and substitutions. Courses may be taken online or on-campus.

Accelerated ENS BA/MS (32 Hrs)

Students who complete the UIS BA in Environmental Studies with a minimum GPA of 3.5 in ENS coursework and a minimum 3.5 cumulative GPA are eligible for the Accelerated BA/MS Program. The ENS Director of Graduate Admissions will determine whether a student is eligible for the accelerated program when the student applies to the ENS MS program. Eligible students will be given the option to pursue the accelerated BA/MS program when they are offered admission to the ENS MS program. Students offered admission to the accelerated program can choose not to pursue this option; in this case, they will complete the standard MS curriculum.

If an eligible student is accepted into the accelerated BA/MS program and chooses to pursue this option, eight credits (two courses) of ENS electives will be waived, resulting in the student needing 32 (rather than 40) post-baccalaureate credit hours to complete the MS degree.

Notes:

- Students cannot count ENS 425 Ecological Issues toward MS degree.
- Students in the NSC concentration must complete a thesis or graduate project. You will need to develop a proposal, form a committee, and defend your proposal before beginning work on your thesis/project. After you have completed your write-up, you will need to schedule and pass a defense to graduate. Discuss this process with your faculty research supervisor. Students in the SDP and EPM concentrations can complete a thesis/project or enroll in ENS 550 and complete a 240-hour professional capstone internship as the closure experience. Capstone proposals (describing the internship site, duties, and learning goals) are due the semester before enrollment in ENS 550. Students can use a GPSI position or their current job (if the work relates to the degree) for the capstone internship. Contact the capstone instructor for details about this process.