

ESRM 4-year Graduation Roadmap

Total Units Required for Graduation: 120

General Education Requirements: 42 units

ESRM Major Requirements: 78 units total (includes emphasis specific units)

please double check graduation progress through official CSU Channel Islands platforms regularly

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ESRM 4-year Graduation Roadmap

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Year 1 Summary

- **strategy:** focus on lower level classes that may be pre-requirements for upper level courses and electives, build writing skills, begin essential ESRM skills
- **goals:** meet every professor in ESRM, attend a club meeting

Year 1: Fall Classes

- ESRM 100 - Introduction to Environmental Science and Resource Management (3)
- BIOL 200 - Principles of Organismal and Population Biology (4)
- **choose one:** ECON 110 - Principles of Microeconomics (3); ECON 111 - Principles of Macroeconomics (3)
- CHEM 121 - General Chemistry I (4)
- *GE Category A2 - Written Communication (3)*

Year 1: Spring Classes

- BIOL 201 - Principles of Cell and Molecular Biology (4)
- **choose one:** PHYS 100 - Introduction to Physics I (4); PHYS 101 - Introduction to Physics II (4); PHYS 200 - General Physics I (4); PHYS 201 - General Physics II (4); COMP 150 - Object Oriented Programming (4)
- ESRM 203 - Introduction to Environmental Statistics (3)
- *American Institutions (3)*
- *GE Category A2 - Stretch Composition (3)*

Year 2 Summary

- **strategy:** finish up lower level classes that may be pre-requirements for upper level courses and electives, complete a bunch of general education requirements, start your major emphasis track
- **goals:** begin learning about research going on in the department, join a club, participate in an environmental service learning event once per month

Year 2: Fall Classes

- **choose one:** ESRM 200 - Principles of Resource Management, Conservation, and Stewardship (3); ESRM 205 - Sustainability (3)
- **choose one:** ESRM 210 - Physical Oceanography (4); GEOL 121 - Physical Geology (4)
- *GE Category A1 or A3 (BIOL 150 recommended) (3)*
- *GE Category C, D, or E (ENGL 260 recommended) (3)*

Year 2: Spring Classes

- MATH 150 - Calculus 1 (4)
- **emphasis specific:** ESRM Emphasis Core (3-4)
- *GE Category A1 or A3 (COMM 101 recommended) (3)*
- *GE Category C, D, or E (COMP 105 recommended) (3)*
- *GE Category C, D, or E (PHIL 200 recommended) (3)*

Year 3 Summary

- **strategy:** continue building essential skills , focus on upper division courses and electives, complete most of your major emphasis track, gain experience in the field
- **goals:** get involved in research in the department, seek out leadership positions on campus and/or in department, explore options for certificates and minors to bolster your ESRM degree, begin thinking about graduate school and/or careers

Year 3: Fall Classes

- ESRM 329 - Environmental Law and Policy (3)
- ESRM 303 - Data Visualization and Climate Communication (3)
- ESRM 328 - The Why of Where: Foundations in GIS (3)
- ESRM 313 - Conservation Biology (4)
- *GE Category C, D, or E (3)*

Year 3: Spring Classes

- ESRM Field Experience (see full major guides for details) (4)
- **emphasis specific:** ESRM Emphasis Core (3-4)
- **emphasis specific:** ESRM Emphasis Elective (3-4)
- *Upper Division General Education D (3)*

Year 4 Summary

- **strategy:** finish upper division courses and electives, finish major emphasis track, complete capstone research and course
- **goals:** continue to be involved in research in the department, seek out leadership positions on campus and/or in department, present results of your research at a conference or public outreach event, apply to graduate school and/or careers

Year 4: Fall Classes

- **emphasis specific:** ESRM Emphasis Core (3-4)
- **emphasis specific:** ESRM Emphasis Elective (3-4)
- ESRM 491 - Capstone Preparation (3)
- *American Institutions* (3)
- *Free Elective*

Year 4: Spring Classes

- ESRM 499 - Capstone (3)
- *Free Elective* (4)
- *Upper Division General Education C* (3)
- *Upper Division General Education B* (3)
- *GE Category C, D, or E* (3)