

ENVIRONMENTAL SCIENCE, BS

Course Sequencing

Earth System Science Concentration

First Year

| Fall | | Hours |
|--------------|---|-----------|
| ESCI 1401 | Environmental Science I: Intro to Environmental Science | 4 |
| GEOL 1403 | Physical Geology | 4 |
| ENGL 1301 | Writing and Rhetoric I | 3 |
| HIST 1301 | U.S. History to 1865 | 3 |
| USSE 1201 | University Seminar | 2 |
| Hours | | 16 |

Spring

| | | |
|--------------|--|-----------|
| BIOL 1406 | Biology I | 4 |
| MATH 2413 | Calculus I | 4 |
| ENGL 1302 | Writing and Rhetoric II or COMM 1311 or Foundation of Communication | 3 |
| HIST 1302 | U.S. History Since 1865 | 3 |
| Hours | | 14 |

Second Year

| Fall | | Hours |
|--------------------------------|------------------------------|-----------|
| MATH 2414 | Calculus II | 4 |
| CHEM 1411 | General Chemistry I | 4 |
| POLS 2305 | U.S. Government and Politics | 3 |
| Creative Arts Core Requirement | | 3 |
| Hours | | 14 |

Spring

| | | |
|---|----------------------------|-----------|
| GISC 1470 | Geospatial Systems I | 4 |
| CHEM 1412 | General Chemistry II | 4 |
| POLS 2306 | State and Local Government | 3 |
| Language, Philosophy & Culture Core Requirement | | 3 |
| Hours | | 14 |

Third Year

| Fall | | Hours |
|---|------------------------------------|-----------|
| PHYS 2425 | University Physics I | 4 |
| ESCI 3202 | Professional Skills | 2 |
| CHEM 3411 | Organic Chemistry I | 4 |
| MATH 3342 | Applied Probability and Statistics | 3 |
| Social and Behavioral Sciences Core Requirement | | 3 |
| Hours | | 16 |

Spring

| | | |
|---------------------------------|-----------------------|-----------|
| PHYS 2426 | University Physics II | 4 |
| ESCI 3351 | Oceanography | 3 |
| GEOL 3443 | Environmental Geology | 4 |
| Designated Elective | | 2 |
| Upper Level Designated Elective | | 3 |
| Hours | | 16 |

Fourth Year

| Fall | | Hours |
|---------------------------------|-----------------------------|-------|
| MATH 3311 | Linear Algebra | 3 |
| ESCI 3443 | Environmental Biology | 4 |
| Upper Level Designated Elective | | 3 |
| ESCI 3403 | Introduction to Meteorology | 4 |

Hours 14

Spring

| | | |
|---------------------------------|-------------------------------------|---|
| ESCI 4498 | Internship in Environmental Science | 2 |
| ESCI 4335 | Climate and Climate Variability | 3 |
| ESCI 4202 | Issues in Environmental Science | 2 |
| Upper Level Designated Elective | | 3 |
| Upper Level Designated Elective | | 2 |
| Elective (to meet 120 hrs) | | 4 |

Hours 16

Total Hours 120

Marine and Coastal Resources Concentration

First Year

| Fall | | Hours |
|--------------|---|-----------|
| ESCI 1401 | Environmental Science I: Intro to Environmental Science | 4 |
| CHEM 1411 | General Chemistry I | 4 |
| MATH 1442 | Statistics for Life | 4 |
| ENGL 1301 | Writing and Rhetoric I | 3 |
| USSE 1201 | University Seminar | 2 |
| Hours | | 17 |

Spring

| | | |
|---|--|-----------|
| ENGL 1302 | Writing and Rhetoric II or COMM 1311 or Foundation of Communication | 3 |
| CHEM 1412 | General Chemistry II | 4 |
| GEOL 1403 | Physical Geology | 4 |
| Social and Behavioral Sciences Core Requirement | | 3 |
| Hours | | 14 |

Second Year

| Fall | | Hours |
|---|---|-----------|
| PHYS 1401 | General Physics I (PHYS 2425 may be substituted.) | 4 |
| BIOL 1406 | Biology I | 4 |
| Language, Philosophy & Culture Core Requirement | | 3 |
| HIST 1301 | U.S. History to 1865 | 3 |
| Hours | | 14 |

Spring

| | | |
|----------------------------|-------------------------|-----------|
| BIOL 1407 | Biology II | 4 |
| GISC 1470 | Geospatial Systems I | 4 |
| HIST 1302 | U.S. History Since 1865 | 3 |
| Elective (to meet 120 hrs) | | 4 |
| Hours | | 15 |

Third Year

| Fall | | Hours |
|-----------|-----------------------|-------|
| ESCI 3202 | Professional Skills | 2 |
| ESCI 3443 | Environmental Biology | 4 |

| | | |
|---------------------------------|-------------------------------------|------------|
| ESCI 3403 | Introduction to Meteorology | 4 |
| Designated Elective | | 3 |
| POLS 2305 | U.S. Government and Politics | 3 |
| Hours | | 16 |
| Spring | | |
| GEOL 3443 | Environmental Geology | 4 |
| POLS 2306 | State and Local Government | 3 |
| Designated Elective | | 3 |
| Upper Level Designated Elective | | 4 |
| Hours | | 14 |
| Fourth Year | | |
| Fall | | |
| Upper Level Designated Elective | | 4 |
| ESCI 3351 | Oceanography | 3 |
| Upper Level Designated Elective | | 4 |
| Creative Arts Core Requirement | | 3 |
| Hours | | 14 |
| Spring | | |
| ESCI 4335 | Climate and Climate Variability | 3 |
| ESCI 4202 | Issues in Environmental Science | 2 |
| ESCI 4301 | Environmental Regulations | 3 |
| Upper Level Designated Elective | | 4 |
| Upper Level Designated Elective | | 2 |
| ESCI 4498 | Internship in Environmental Science | 2 |
| Hours | | 16 |
| Total Hours | | 120 |

Environmental Health and Monitoring Concentration

| | | |
|---|---|-----------|
| First Year | | |
| Fall | | |
| ESCI 1401 | Environmental Science I: Intro to Environmental Science | 4 |
| GEOL 1403 | Physical Geology | 4 |
| ENGL 1301 | Writing and Rhetoric I | 3 |
| MATH 1442 | Statistics for Life | 4 |
| USSE 1201 | University Seminar | 2 |
| Hours | | 17 |
| Spring | | |
| BIOL 1406 | Biology I | 4 |
| CHEM 1411 | General Chemistry I | 4 |
| ENGL 1302 | Writing and Rhetoric II | 3 |
| or COMM 1311 | or Foundation of Communication | |
| Social and Behavioral Sciences Core Requirement | | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| BIOL 1407 | Biology II | 4 |
| CHEM 1412 | General Chemistry II | 4 |
| POLS 2305 | U.S. Government and Politics | 3 |
| Creative Arts Core Requirement | | 3 |
| Hours | | 14 |

| | | |
|---|----------------------------|-----------|
| Spring | | |
| GISC 1470 | Geospatial Systems I | 4 |
| BIOL 2421 | Microbiology | 4 |
| POLS 2306 | State and Local Government | 3 |
| Language, Philosophy & Culture Core Requirement | | 3 |
| Hours | | 14 |

Third Year

| | | |
|---------------------------------|-----------------------|-----------|
| Fall | | |
| ESCI 3202 | Professional Skills | 2 |
| ESCI 3443 | Environmental Biology | 4 |
| CHEM 3411 | Organic Chemistry I | 4 |
| Upper Level Designated Elective | | 3 |
| HIST 1301 | U.S. History to 1865 | 3 |
| Hours | | 16 |

Spring

| | | |
|---------------------|---|-----------|
| GEOL 3443 | Environmental Geology | 4 |
| ESCI 3351 | Oceanography | 3 |
| PHYS 1401 | General Physics I (PHYS 2425 may be substituted.) | 4 |
| HIST 1302 | U.S. History Since 1865 | 3 |
| Designated Elective | | 2 |
| Hours | | 16 |

Fourth Year

| | | |
|---------------------------------|-----------------------------|-----------|
| Fall | | |
| ESCI 4301 | Environmental Regulations | 3 |
| ESCI 4320 | Environmental Health | 3 |
| ESCI 3403 | Introduction to Meteorology | 4 |
| Upper Level Designated Elective | | 3 |
| Upper Level Designated Elective | | 2 |
| Hours | | 15 |

Spring

| | | |
|---------------------------------|-------------------------------------|------------|
| ESCI 4202 | Issues in Environmental Science | 2 |
| ESCI 4335 | Climate and Climate Variability | 3 |
| Upper Level Designated Elective | | 3 |
| Elective (to meet 120 hrs) | | 4 |
| ESCI 4498 | Internship in Environmental Science | 2 |
| Hours | | 14 |
| Total Hours | | 120 |

Policy and Regulations Concentration

| | | |
|-------------------|---|-----------|
| First Year | | |
| Fall | | |
| ESCI 1401 | Environmental Science I: Intro to Environmental Science | 4 |
| GEOL 1403 | Physical Geology | 4 |
| ENGL 1301 | Writing and Rhetoric I | 3 |
| HIST 1301 | U.S. History to 1865 | 3 |
| USSE 1201 | University Seminar | 2 |
| Hours | | 16 |
| Spring | | |
| BIOL 1406 | Biology I | 4 |
| MATH 1442 | Statistics for Life | 4 |

| | | |
|---|-------------------------------------|------------|
| ENGL 1302 | Writing and Rhetoric II | 3 |
| or COMM 1311 | or Foundation of Communication | |
| HIST 1302 | U.S. History Since 1865 | 3 |
| Hours | | 14 |
| Second Year | | |
| Fall | | |
| BIOL 1407 | Biology II | 4 |
| CHEM 1411 | General Chemistry I | 4 |
| POLS 2305 | U.S. Government and Politics | 3 |
| Creative Arts Core Requirement | | 3 |
| Hours | | 14 |
| Spring | | |
| GISC 1470 | Geospatial Systems I | 4 |
| CHEM 1412 | General Chemistry II | 4 |
| POLS 2306 | State and Local Government | 3 |
| Language, Philosophy & Culture Core Requirement | | 3 |
| Designated Elective | | 2 |
| Hours | | 16 |
| Third Year | | |
| Fall | | |
| ESCI 3202 | Professional Skills | 2 |
| ESCI 3443 | Environmental Biology | 4 |
| ESCI 3403 | Introduction to Meteorology | 4 |
| Upper Level Elective | | 3 |
| Social and Behavioral Sciences Core Requirement | | 3 |
| Hours | | 16 |
| Spring | | |
| GEOL 3443 | Environmental Geology | 4 |
| ESCI 3351 | Oceanography | 3 |
| PHYS 1401 | General Physics I | 4 |
| Designated Elective | | 3 |
| Designated Elective | | 1 |
| Hours | | 15 |
| Fourth Year | | |
| Fall | | |
| ESCI 4301 | Environmental Regulations | 3 |
| ESCI 4320 | Environmental Health | 3 |
| Elective (to meet 120 hrs) | | 3 |
| Upper Level Designated Elective | | 3 |
| Upper Level Designated Elective | | 3 |
| Hours | | 15 |
| Spring | | |
| ESCI 4498 | Internship in Environmental Science | 2 |
| ESCI 4335 | Climate and Climate Variability | 3 |
| ESCI 4202 | Issues in Environmental Science | 2 |
| Upper Level Designated Elective | | 3 |
| Upper Level Designated Elective | | 3 |
| Elective (to meet 120 hrs) | | 1 |
| Hours | | 14 |
| Total Hours | | 120 |