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| --- | --- | --- | --- | --- |
| Advisee |  |  | Advisor |  |
| Student ID |  |  | Date |  |

Please use the following notations when you complete the checklist: **X** = completed, **IP** = in progress, Semester of intended enrollment (e.g. **SP 22**)

**Common Requirements (37-39 units)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Natural Sciences, Mathematics and Statistics** | | | | | Including courses from the current | |
|  | BIOL | 200, 200L | 4 units | Biology I: Cellular Biology and Genetics | semester, fill in your credit count. | |
|  | BIOL | 206, 206L | 4 units | Biology II: Ecology and Evolution | Total Credits |  |
|  | CHEM | 104 | 4 units | Introduction to Environmental Chemistry | Upper-Level Credits |  |
|  | GEOL | 121 | 4 units | Physical Geology | (300-400 level) |  |
|  | | | | | Current GPA |  |
| ***One of the following:*** | | | | | Expected Graduation |  |
|  | MATH | 119 | 4 units | Pre-Calculus\* | Notes: | |
|  | MATH | 211 | 3 units | Calculus for Applications \* |
| \*Students whose math placements scores preclude entering MATH 119 or MATH 211 directly must take MATH 115. Once MATH 115 is successfully completed, student will complete the mathematics requirement for ENVS by taking either MATH 117- Trigonometry or MATH 211. | | | | |
| ***One of the following:*** | | | | |
|  | MATH | 231 | 3 units | Basic Statistics |
|  | MATH | 237 | 4 units | Elementary Biostatistics |
|  | GEOG | 375 | 3 units | Quantitative Methods in Geography |
|  | ECON | 205 | 3 units | Statistics for Business and Economics |

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| **Advanced Writing (Choose One)** | | | | |
|  | ENGL  Or  GEOG | 318  383 | 3 units | Technical and Scientific Writing  Natural Resources and Society: A Geographic Perspective |
| **Environmental Geography, Ethics and Health** | | | | |
|  | GEOG | 101 | 3 units | Physical Geography |
|  | GEOG | 410 | 3 units | Environmental Geography |
|  | HLTH | 451 | 3 units | Introduction to Environmental Health |
|  | PHIL | 255 | 3 units | Environmental Ethics |

**Required Courses (27 units)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | BIOL | 205 | 4 units | General Botany |
|  | BIOL | 207 | 4 units | General Zoology |
|  | BIOL  *Or*  BIOL | 301  304 | 3 units | Field and Natural Science  Natural History Interpretation and Public Environmental Education |
|  | ENVS | 485 | 3 units | Environmental Internship |
|  | SCIE | 380 | 3 units | Teaching Science in the Secondary Schools |
|  | BIOL  *Or*  BIOL | 402  435 | 4 units | General Ecology  Plant Ecology |
| **One two course sequence in one discipline consisting of one lower-level and one upper-level course** | | | | |
| **Sequence 1- Economics** | | | | |
|  | ECON | 201 | 3 units | Microeconomic Principles |
|  | ECON  *Or*  ECON | 375  376 | 3 units | Environmental Economics  Natural Resource Economics |
| **Sequence 2 - Policy** | | | | |
|  | POSC  *Or*  POSC | 103  207 | 3 units | American National Government  State Government |
|  | ENVS | 411  420  425 | 3 units | Water Policies of The United States  Environmental Policy and Sustainable Management  Science and Policy of the Chesapeake Bay Restoration |

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| **Electives (Three courses from the following; 9-12 units)** | | | | |
|  | BIOL | 306 | 3 units | Human Ecology and Sustainability |
|  | BIOL | 353 | 4 units | Invertebrate Zoology |
|  | BIOL | 432 | 4 units | Vascular Plant Taxonomy |
|  | BIOL | 455 | 4 units | Fish Biology |
|  | BIOL | 456 | 4 units | Ornithology |
|  | BIOL | 458 | 4 units | Mammalogy |
|  | BIOL | 461 | 4 units | Entomology |
|  | BIOL | 467 | 4 units | Herpetology |
|  | ENVS | 382 | 3 units | Environmental Education and Service Learning in the Tropics |
|  | GEOG | 319 | 3 units | Soils and Vegetation |
|  | GEOL | 305 | 4 units | Environmental Geology |

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| **Core Curriculum Requirements** | | | |
|  | 1. Towson Seminar\* | **Perspectives (10-14)** One course under Perspectives must be taken in a discipline in the arts and humanities, different from the discipline in requirement 5. One course under Perspectives must be taken in a discipline in the social and behavioral sciences, different from the discipline in requirement 6. | |
|  | 2. English Composition\* |
|  | 3. Mathematics |
|  | 4. Creativity and creative Development |
|  | 5. Arts and Humanities |
|  | 6. Social and Behavioral Sciences |
|  | 7. Biological and Physical Sciences |
|  | 8. Biological and Physical Sciences |  | 10. Metropolitan Perspectives |
|  | 9. Advanced Writing Seminar\* |  | 11. The United States as a Nation |
| **\*Grade of ‘C” or better required; all other require “D” or better.** | |  | 12. Global Perspectives |
|  | 13. Diversity and Difference |
|  | 14. Ethical Issues and Perspectives |

NOTES: