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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 |

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| **Applications Requirement for All Studies Tracks except IEE Track (Choose One)** | | | | |
| \_\_\_ | ENVS  *Or*  ENVS  *Or*  ENVS | 482  485  491 | 3 units | Environmental Research  Environmental Internship  Senior Seminar |

**Required Courses (12 units)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ECON | 201 | 3 units | Microeconomic Principles |
|  | ECON  *Or*  ECON | 375  376 | 3 units | Environmental Economics  Natural Resources Economics |
|  | POSC  *Or*  POSC | 103  207 | 3 units | American National Government  State Government |
|  | ENVS  *Or*  ENVS  *Or*  ENVS | 411  420  425 | 3 units | Water Policies of the United States\*  Env Policy and Sustainable Management\*  Science and Policy of the Chesapeake Bay Restoration\* |

**Elective Courses for Directed Track (18-20 units)**

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| --- | --- | --- | --- |
| **Electives (Five courses from the following, selected in consultation with an advisor)** | | | |
|  | ANTH 343 | 3 Units | Resource Wars of the 21st Century |
|  | ANTH 370 | 3 Units | Topics In Anthropology\*\* |
|  | BIOL 306 | 3 Units | Human Ecology and Sustainability |
|  | ECON 326 | 3 Units | Economic Development |
|  | ECON 337 | 3 Units | Public Finance |
|  | ECON 351 | 3 Units | Urban Economics |
|  | ECON 375 | 3 Units | Environmental Economics \* |
|  | ECON 376 | 3 Units | Natural Resource Economics \* |
|  | ECON 470 | 3 Units | Advanced Topics in Economics\*\* |
|  | ENGL 401 | 3 Units | Grant And Advocacy Writing |
|  | ENVS 432 | 3 Units | Special Topics in Environmental Science and Studies |
|  | ENVS 471 | 3 Units | Independent Study in Environmental Science and Studies |
|  | ENVS 491 | 3 Units | Senior Seminar |
|  | GEOG 221 | 3 Units | Introduction to Geospatial Technology |
|  | GEOG 232 | 4 Units | Intro to Geographic Information Science |
|  | GEOG 317 | 3 Units | Energy Resources |
|  | GEOG 319 | 3 Units | Soils and Vegetation |
|  | GEOG 323 | 3 Units | Cartography and Graphics I |
|  | GEOG 329 | 3 Units | Geographies of Health |
|  | GEOG 377 | 3 Units | Meteorology |
|  | GEOG 383 | 3 Units | Natural Resources and Society: A Geographic Perspective\* |
|  | GEOG 385 | 3 Units | Population Geography |
|  | GEOG 393 | 3 Units | Transportation and Infrastructure Planning |
|  | GEOG 405 | 3 Units | Comprehensive Planning |
|  | GEOG 411 | 3 Units | Studies in Natural Hazards |
|  | GEOG 412 | 3 Units | Geographies of Consumption and Waste |
|  | GEOG 413 | 3 Units | Severe and Hazardous Weather |
|  | GEOG 414 | 3 Units | GIS Applications |
|  | GEOG 416 | 3 Units | Principles of Remote Sensing and Photogrammetry |
|  | GEOG 419 | 3 Units | Climate Change: Science to Policy |
|  | GEOG 465 | 3 Units | Advanced Techniques In GIS |
|  | GEOG 470 | 3 Units | Special Topics In Geography\*\* |
|  | GEOG 471 | 3 Units | Geospatial Technologies Special Topics |
|  | GEOG 481 | 3 Units | Environmental Impact Analysis |
|  | GEOG 484 | 3 Units | Land Use Planning |
|  | GEOG 495 | 3 Units | Directed Readings in Geography\*\* |
|  | GEOG 496 | 3 Units | Independent Study in Geography\*\* |
|  | GEOL 301 | 3 Units | Sustainability and The Use of Natural Resources |
|  | HLTH 435 | 3 Units | Introduction to Epidemiology |
|  | HLTH 491 | 3 Units | Health Directed Readings\*\* |
|  | PHIL 319 | 3 Units | Science, Technology & Values |
|  | PHIL 380 | 3 Units | Philosophical Topics\*\* |
|  | POSC 304 | 3 Units | Politics of Metropolitan Growth and Change |
|  | POSC 305 | 3 Units | Urban Government and Politics |
|  | POSC 375 | 3 Units | Public Administration |
|  | POSC 470 | 3 Units | Special Topics in Political Science\*\* |
|  | POSC 481 | 3 Units | Seminar in American Government and Public Policy\*\* |
|  | POSC 482 | 3 Units | Seminar in Comparative Politics\*\* |
|  | PSYC 341 | 3 Units | Environmental Psychology |
|  | SOCI 329 | 3 Units | Demography |
|  | WMST 345 | 3 Units | Women, Environment, And Health |
| **Select One Additional Elective from any Environmental Science and Studies Track** | | | |
|  |  | 3-4 Units |  |
| **\* If not taken as one of the required courses, this course can serve as an elective for ENVS.** | | | |
| **\*\* Requires approval of the program director.** | | | |

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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: