

ENVIRONMENTAL AND SUSTAINABILITY STUDIES MAJOR

Program Tracking Sheet

Effective for students entering AY 2020-2021
For more guidance for ESS majors, minors, and double majors, [click here](#).

| | |
|----------|------------------------|
| Name: | Class Year: |
| Advisor: | 2 nd Major: |

NOTES: Minimum total academic credit = 15 units

Residency Req.: Min. of 8 units must be completed at WPI

HUMANITIES AND ARTS (6/3 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum.

| Depth Component | | | | |
|---|--------------------|------|-------|-------|
| Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above. | | | | |
| | Course | Term | Grade | Units |
| 1 | | | | 1/3 |
| 2 | | | | 1/3 |
| 3 | | | | 1/3 |
| 4 | HU 3900 or HU 3910 | | | 1/3 |
| Breadth Component | | | | |
| Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner. | | | | |
| i. art/art history, drama/theatre, and music (AR, EN/TH, MU); | | | | |
| ii. foreign languages (AB, CN, EN, GN, SP); | | | | |
| iii. literature and writing rhetoric (EN, WR, RH); | | | | |
| iv. history and international studies (HI, HU, INTL); | | | | |
| v. philosophy and religion (PY, RE). | | | | |
| Exception: May take all six courses in a foreign language | | | | |
| 5 | | | | 1/3 |
| Humanities Elective | | | | |
| 6 | | | | 1/3 |

PHYSICAL EDUCATION (4 PE classes = 1/3 unit)

| | | | | |
|---|--|--|--|------|
| 7 | | | | 1/12 |
| | | | | 1/12 |
| | | | | 1/12 |
| | | | | 1/12 |

THE INTERACTIVE QUALIFYING PROJECT (1 unit)

| | | | | |
|----|--|--|--|-----|
| 8 | | | | 1/3 |
| 9 | | | | 1/3 |
| 10 | | | | 1/3 |

FREE ELECTIVES (1 unit)

| | | | | |
|----|--|--|--|-----|
| 11 | | | | 1/3 |
| 12 | | | | 1/3 |
| 13 | | | | 1/3 |

MATHEMATICS AND BASIC SCIENCE (8/3 units) (Note 1)

CALCULUS (2/3 unit)

| | | | | |
|----|--|--|--|-----|
| 14 | | | | 1/3 |
| 15 | | | | 1/3 |

STATISTICS (1/3 unit)

| | | | | |
|----|--|--|--|-----|
| 16 | | | | 1/3 |
|----|--|--|--|-----|

CHEMISTRY (2/3 unit)

| | | | | |
|----|--|--|--|-----|
| 17 | | | | 1/3 |
| 18 | | | | 1/3 |

BIOLOGY (2/3 unit)

| | | | | |
|----|--|--|--|-----|
| 19 | | | | 1/3 |
| 20 | | | | 1/3 |

OTHER (1/3 unit)

| | | | | |
|----|--|--|--|-----|
| 21 | | | | 1/3 |
|----|--|--|--|-----|

ENVIRONMENTAL STUDIES CORE (1 unit)

Only courses with the prefix ENV count toward this requirement.

Must include the senior seminar in environmental studies.

| | | | | |
|----|--|--|--|-----|
| 22 | | | | 1/3 |
| 23 | | | | 1/3 |
| 24 | | | | 1/3 |

ENVIRONMENTAL SCIENCE AND ENGINEERING (3 units) (Note 2)

| | | | | |
|----|--|--|--|-----|
| 25 | | | | 1/3 |
| 26 | | | | 1/3 |
| 27 | | | | 1/3 |
| 28 | | | | 1/3 |
| 29 | | | | 1/3 |
| 30 | | | | 1/3 |
| 31 | | | | 1/3 |
| 32 | | | | 1/3 |
| 33 | | | | 1/3 |

BASIC SOCIAL SCIENCE AND HUMANITIES (1 unit)

(Note 3)

| | | | | |
|----|--|--|--|-----|
| 34 | | | | 1/3 |
| 35 | | | | 1/3 |
| 36 | | | | 1/3 |

ENVIRONMENTAL SOCIAL SCIENCE AND HUMANITIES (2 unit)

(Note 4)

| | | | | |
|----|--|--|--|-----|
| 37 | | | | 1/3 |
| 38 | | | | 1/3 |
| 39 | | | | 1/3 |
| 40 | | | | 1/3 |
| 41 | | | | 1/3 |
| 42 | | | | 1/3 |

MAJOR QUALIFYING PROJECT (1 unit)

| | | | | |
|----|--|--|--|-----|
| 43 | | | | 1/3 |
| 44 | | | | 1/3 |
| 45 | | | | 1/3 |

Notes:

1. May include 1/3 unit of basic engineering with the permission of the Environmental Studies Program Review Committee.
2. All courses with prefixes BB, CE, CH, CHE, ES, GE, and PH may qualify under this requirement. BB courses must be at the 2000 level or higher. Must include 1/3 unit of ecology. Must include 1/3 unit of engineering at the 2000 level or higher. The 3 units of environmental science and eng. courses must be coherently defined and approved by the Environmental Studies Program Review Committee.
3. Must include 1/3 unit economics, 1/3 unit public policy or political science, and 1/3 unit either history or philosophy.
4. Must include 1/3 unit environmental economics, 1/3 unit environmental policy, 1/3 unit environmental philosophy, and 1/3 unit environmental history.

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