

Options vs. Minors

1. University policy does not allow students to minor in their major, even if the major includes different fields of study. To help students focus their studies, some programs have created informal undergraduate tracks/concentrations/focus areas or formal undergraduate options for students to complete when completing a disciplinary or interdisciplinary minor is not a feasible alternative. An OPTION is formal, University approved "transcripted" track/concentration/focus area within a specific major.
2. Programs that currently offer options are Anthropology, Applied and Computational Mathematical Sciences, Biology, Communication, English, Dance, Drama, Linguistics, Mathematics, Music, Political Science, Business Administration, Chemical Engineering, Human Centered Design and Engineering, Materials Science and Engineering, Mechanical Engineering, Earth and Space Sciences, Environmental Science and Resource Management, Informatics, and Bioengineering (pending).
3. Options must have at least a 50% overlap with the general program requirements.
4. Programs offering options may limit the number of options for which a student may enroll within that program.
5. Each option offered within a degree program must be distinct.
6. Options do not need HECB approval, programs only need to submit a 1503 for internal University approval.
7. Here is a [sample transcript \(http://depts.washington.edu/registra/curriculum/resources/Transcript.pdf\)](http://depts.washington.edu/registra/curriculum/resources/Transcript.pdf) that includes a Degree, Major, Option, and Minor

Revised by the Faculty Council on Academic Standards on March 30, 2012

Major Requirements*Literary Studies Option: 50 credits*

1. C LIT 250, C LIT 251, or C LIT 252 (5 credits).
2. C LIT 400 (5 credits).
3. Three differently-numbered courses from among C LIT 320, C LIT 321, C LIT 322, or C LIT 323; C LIT 360, C LIT 361, or C LIT 362. At least one must come from each series (15 credits).
4. One 300-level cinema studies course (5 credits).
5. One additional course in comparative literature at the 300 or 400 level (5 credits).
6. At least one foreign literature course, studied in the original language (3/5 credits). The minimum foreign language prerequisite to meet this requirement is completion of a second year (often higher) of the foreign language, e.g., GERMAN 203 for GERMAN 311; FRENCH 302 for FRENCH 304. (Prerequisite courses taken to qualify for the 3/5 credit mentioned above do not count toward the 50-credit requirement.)
7. Remaining (12/10 credits) to be earned, with few exceptions, in 300- and 400- level literature courses from among the offerings of Comparative Literature and the following participating departments: Asian Languages and Literature, Classics, English, Germanics, Near Eastern Languages and Civilization, Romance Languages and Literature, Scandinavian Studies, and Slavic Languages and Literatures.
8. One course in the program must focus on literature written before 1800.

Cinema Studies Option: 50 credits

1. 15 credits from cinema studies core courses, with at least one course in film theory and one course in film history (C LIT 301, C LIT 302, C LIT 303, C LIT 310, C LIT 311, C LIT 312).
2. 10 credits from C LIT core requirements (choice of either C LIT 300 or 400, and one course from C LIT 320, C LIT 321, C LIT 322, C LIT 323).
3. One national cinema course (5 credits).
4. Minimum two years of foreign language study (e.g., through GERMAN 203, or equivalent). Does not count toward 50-credit major requirement.
5. Remaining credits to be earned in recommended 300- and 400-level cinema elective courses offered by Comparative Literature or any UW department.
6. A maximum of 5 credits of internship (C LIT 491) may be applied toward the cinema studies option.

Major Requirements

Minimum 57-67 credits in dance as follows:

1. Core Curriculum (20-25 credits)

- a. *Gateway Course (5 credits)*: DANCE 250 or DANCE 251. (Students enrolled in the dance studies option must take DANCE 250 as their gateway course.)
- b. *Dance History (5 credits)*: DANCE 344 or DANCE 345.
- c. *Cross Cultural Studies (0-5 credits)*: One of DANCE 234, DANCE 250, DANCE 336, DANCE 350, or DANCE 420. (If DANCE 250 is taken as the gateway course, the cross-cultural requirement is satisfied and no other course from the cross-cultural list is required, except for students enrolled in the Dance Studies option, who take DANCE 350 or DANCE 420 in addition to DANCE 250).
- d. *Technique (10 credits)*: From approved dance technique courses. See adviser for list of approved technique courses for each option. This requirement may be waived for students pursuing the dance studies option who have professional dance experience or those with a focus on dance form(s) not offered in the dance program curriculum. If the requirement is waived, students need to complete an additional 10 credits of approved electives.

2. Creative Studies Option (47 credits)

- a. *Required Courses (minimum 26 credits)*: DANCE 166, DANCE 242, DANCE 266, DANCE 270 (at least 1 credit), DANCE 271 (at least 1 credit), DANCE 480, DANCE 493, DANCE 494.
- b. *Dance Electives*: At least 3 credits from DANCE 234, DANCE 235, DANCE 251, DANCE 290, DANCE 336, DANCE 350, DANCE 366, DANCE 371, DANCE 420, DANCE 450, DANCE 490, DANCE 499.
- c. *Technique*: 18 credits from the following (12 credits minimum at the 300 level or above; 6 credits minimum in both ballet and modern dance; a maximum of 6 credits in the alternative movement studies series can be counted toward major technique requirements): DANCE 104, DANCE 105, DANCE 106, DANCE 107, DANCE 108, DANCE 109, DANCE 110, DANCE 111, DANCE 112, DANCE 201, DANCE 202, DANCE 203, DANCE 204, DANCE 205, DANCE 206, DANCE 210, DANCE 211, DANCE 212, DANCE 230, DANCE 231, DANCE 232, DANCE 233, DANCE 236, DANCE 237, DANCE 238, DANCE 239, DANCE 241, DANCE 301, DANCE 302, DANCE 303, DANCE 304, DANCE 305, DANCE 306, DANCE 310, DANCE 311, DANCE 312, DANCE 401, DANCE 402, DANCE 403, DANCE 404, DANCE 405, DANCE 406.

3. Dance Studies Option (37 credits)

- a. *Required Courses (9 credits)*: DANCE 350 or DANCE 420, DANCE 415 and DANCE 416.
- b. *Dance Electives (minimum 17 credits)*: At least 17 credits from the following: DANCE 166, DANCE 234, DANCE 235, DANCE 242, DANCE 251, DANCE 266, DANCE 270, DANCE 271, DANCE 290, DANCE 336, DANCE 344 (if not taken as part of core curriculum), DANCE 345 (if not taken as part of core curriculum), DANCE 350, DANCE 366, DANCE 414, DANCE 420, DANCE 450, DANCE 480, DANCE 490, DANCE 493, DANCE 494, and DANCE 499.
- c. *Approved Electives (minimum 11 credits)*: Approved elective courses based on individual interests and decided in conjunction with Dance Program adviser and faculty.

Major Requirements

Minimum 97-117 credits as follows:

1. *Core requirements* (58-59 credits): MATH 124, MATH 125, MATH 126; PHYS 121, PHYS 122, PHYS 123; either STAT 390/MATH 390, or Q SCI 381; ATM S 220, ATM S 301, ATM S 321, ATM S 340, ATM S 341, ATM S 370, ATM S 431.
2. *Options* (39 to 58 credits):
 - a. *Meteorology* (42-45 credits)
 - i. *Core* (33 credits): AMATH 301; ATM S 358, ATM S 441, ATM S 442, ATM S 444, ATM S 451, ATM S 452; CSE 142
 - ii. *Advanced Mathematics* (9-12 credits): MATH 324; either AMATH 351 and AMATH 353 or MATH 307, MATH 308, and MATH 309
 - b. *Climate* (39-49 credits)
 - i. *Core* (27-29 credits): AMATH 301; ATM S 358, ATM S 380, ATM S 460, ATM S 487; CSE 142; either ESS 431 or ESS 433; either OCEAN 423 or OCEAN 450
 - ii. *Electives* (12-20 credits): minimum four courses from an approved list. See adviser for approved list of electives.
 - c. *Chemistry* (52-58 credits)
 - i. *Core* (52-58 credits): ATM S 451, ATM S 458, ATM S 480; CHEM 142, CHEM 152, CHEM 162, CHEM 223, CHEM 224, CHEM 321
 - ii. *Electives* (12-18 credits): minimum four courses from an approved list. See adviser for approved list of electives.
3. A grade of 2.0 or better in courses applied to the major

Major Requirements (72 credits):

1. *Engineering Fundamentals (4 credits):* AMATH 301
2. *Bioengineering Core (44 credits):* BIOEN 215, BIOEN 315, BIOEN 316, BIOEN 317, BIOEN 325, BIOEN 326, BIOEN 327, BIOEN 335, BIOEN 336, BIOEN 337, BIOEN 345, BIOEN 401; either 10 credits of BIOEN 402, or 4 credits of BIOEN 403 plus BIOEN 404 and BIOEN 405.
3. *Bioengineering Senior Electives (15 credits):* Fifteen (15) credits from an approved departmental list, including completion of one of three concentration areas: *Molecular and Materials Bioengineering*: four courses from approved departmental concentration list. *Cells, Tissue, and Systems Bioengineering*: four courses from approved departmental concentration list. *Diagnostics and Therapeutic Instruments*: PHYS 123; four courses from approved departmental concentration list. See department for approved list.
4. *Approved Engineering Electives (9 credits):* Chosen from a departmentally approved list or from additional bioengineering senior elective credit. See department for approved list.
5. *Grade Requirements:* Minimum 2.0 grade in each bioengineering course applied to the major

Nanoscience and Molecular Engineering Option Requirements (74 credits):

1. *Engineering Fundamentals (4 credits):* AMATH 301
2. *Bioengineering Core (44 credits):* BIOEN 215, BIOEN 315, BIOEN 316, BIOEN 317, BIOEN 325, BIOEN 326, BIOEN 327, BIOEN 335, BIOEN 336, BIOEN 337, BIOEN 345, BIOEN 401; either 10 credits of BIOEN 402 or 4 credits of BIOEN 403 plus BIOEN 404 and BIOEN 405
3. *Nanoscience and Molecular Engineering Courses (21 credits):* NME 220, NME 321, NME 421; minimum four additional approved nanoscience and molecular engineering electives, to be chosen from an approved departmental list; additional senior elective credits as needed to total 15. The senior capstone (4-10 credits from BIOEN 402 or BIOEN 403) must be in an NME area.
4. *Approved Engineering Electives:* 5 credits
5. Minimum 2.0 grade in each bioengineering course applied to the major

Environmental Science and Terrestrial Resource Management

180 credits, to include:

1. *General Education Requirements (72-73 credits)*

- a. *Written Communication (12 credits)*: 5 credits English composition (ENGL 131 preferred); and seven additional credits.
- b. *Quantitative and Symbolic Reasoning (20 credits)*: Q SCI 291, Q SCI 292, Q SCI 381; ESRM 250.
- c. *Natural World (29-30 credits)*: BIOL 180, BIOL 200, and BIOL 220; CHEM 120 and CHEM 220, or CHEM 142 (or CHEM 144) and CHEM 152 (or CHEM 154); ESRM 210 or ESS 210 or ESS 230/OCEAN 230 (5 credits only) or ESS 201 or ATM S 211.
- d. *Visual, Literary, & Performing Arts (VLPA) (10 credits)*: COM 202 or COM 220; five additional credits from the University VLPA list.
- e. *Individuals & Societies (I&S) (10 credits)*: ENVIR/ECON 235 or ECON 200 or ECON 201; and five additional credits, which are satisfied by core courses shown below.

2. *Major Requirements (62 credits for the major)*:

- a. *Core Courses (17 credits)*: ESRM 200, ESRM 201, ESRM 300, ESRM 304.
- b. *Restricted Electives (Minimum 35 credits of 300- or 400-level courses from within the School of Environmental and Forest Sciences for the major; 35 credits may come from one of the specified option course lists)*: 15 of the credits must be at the 400 level.
- c. *Capstone (10 credits)*: ESRM 462 and ESRM 463 and ESRM 464; or ESRM 494 and ESRM 496; or ESRM 494 and ESRM 495
- d. All ESRM courses must be completed with at least a 2.0 grade to count toward major requirements.

3. *Free electives*: As needed to bring minimum total to 180 credits.

Environmental Science and Terrestrial Resource Management voluntary program options:

All requirements for any of the four voluntary options are the same as for the major shown directly above. See the School's website for approved course lists.

1. *Landscape Ecology and Conservation Option*: at least 35 credits from the approved list.
2. *Restoration Ecology and Environmental Horticulture Option*: at least 35 credits from the approved list.
3. *Sustainable Forest Management Option*: at least 35 credits from the approved list.
4. *Wildlife Conservation Option*: at least 35 credits from the approved list.