

## 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>) that includes a Degree, Major, Option, and Minor

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

**Major Requirements**

65-70 credits as follows:

1. DRAMA 201, DRAMA 251, DRAMA 252, DRAMA 302, DRAMA 371, DRAMA 372, DRAMA 373, DRAMA 401 (36 credits)
2. Three courses from DRAMA 210, DRAMA 211, DRAMA 212, DRAMA 213 (12 credits)
3. Two courses from DRAMA 290, DRAMA 291, DRAMA 292 (2 credits)
4. One choice/special studies course from DRAMA 365, DRAMA 416, DRAMA 494, or other adviser approved course (5 credits)
5. One of the options shown below (10-15 credits)
  - a. *General Drama: 10 credits of approved 300- or 400-level DRAMA electives*
  - b. *History, Theory, and Criticism Option (23 credits): No longer accepting students - pending elimination*
  - c. *Performance Option (15 credits)*
    - i. DRAMA 466 (2 credits)
    - ii. One course from DRAMA 351, DRAMA 352, DRAMA 352 (4 credits)
    - iii. One course from DRAMA 451, DRAMA 452, DRAMA 453, DRAMA 454, DRAMA 455, DRAMA 456, DRAMA 457 (3-4 credits)
    - iv. 300- or 400-level DRAMA electives (to reach 15 credits)
  - d. *Design Option (15 credits)*
    - i. One additional course from DRAMA 210, DRAMA 211, DRAMA 212, DRAMA 213 (4 credits)
    - ii. DRAMA 466 (2 credits)
    - iii. One additional course from DRAMA 290, DRAMA 291, DRAMA 292 (1 credit)
    - iv. Advanced design: DRAMA 314, DRAMA 316, DRAMA 414, DRAMA 415, DRAMA 417, DRAMA 418, DRAMA 419, DRAMA 420, DRAMA 421 (3-4 credits)
    - v. 300- 400-level approved electives (to reach 15 credits)

**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.



**Major Requirements**

50 credits in political science as follows:

1. *Introductory Requirement (15 credits)*: Three courses from POL S 101, POL S 201, POL S 202, POL S 203, POL S 204, POL S 205
2. *Field Requirement (15 credits)*: One course numbered POL S 210 or above in three different fields of political science chosen from political theory, comparative politics, international relations, American politics, and research methods, with a grade of at least 2.0 in each
3. *Electives (20 credits)*: Four courses numbered POL S 210 or above with a grade of at least 2.0 in each.
4. *GPA Requirement*: Minimum cumulative GPA of 2.25 in political science courses at graduation and a minimum grade of 2.0 in each political science course taken to fulfill requirements for the major
5. Transfer and postbaccalaureate students must meet all the above requirements and complete a minimum of 10 political science credits numbered 210 or above at the UW.

*Political Economy*: This interdisciplinary option is a specialized program that combines study of political science and economics. Students who wish to pursue this option should consult with a political science adviser. A list of recommended coursework is available.

*International Security*: This option, recommended to students interested in an in-depth study of international security, concentrates on the relationship between politics and security, and specifically on the causes of war and the use and control of force, threats, promises, and the tactics, techniques, and ethics of violence. Teaches theories to address security issues and provides historical context for understanding contemporary security issues. Option coursework is completed in addition to the requirements of the major. However, up to 25 credits from the option may also be used to fulfill requirements for the political science major.

45 credits as follows:

1. POL S 203, POL S 321, POL S 407 (15 credits)
2. 30 additional credits from an approved list of courses maintained in the department. At least 15 elective credits must be at the 300 or 400 level.



**Major Requirements***Russian Language, Literature, and Culture Option (Minimum 50 credits):*

1. RUSS 322, RUSS 323
2. RUSS 403
3. RUSS 451
4. Courses from the following list of electives to reach the required 50-credit minimum: RUSS 210, RUSS 221, RUSS 223, RUSS 230, RUSS 240, RUSS 313, RUSS 324, RUSS 420, RUSS 421, RUSS 422, RUSS 423, RUSS 424, RUSS 425, RUSS 426, RUSS 430, RUSS 481, RUSS 482, RUSS 483, RUSS 486, RUSS 490, SLAV 110, SLAV 210, SLAV 223, SLAV 320, SLAV 323, SLAV 351, SLAV 401, SLAV 423, SLAV 425, SLAV 426, SLAV 470, SLAV 490, SLAVIC 498; HSTEU 444/SISRE 444, HSTEU 445/SISRE 448. No more than 15 credits from the following may apply: RUSS 303, RUSS 350 (only 5 credits of RUSS 350 may apply), RUSS 401, or RUSS 402. No more than 5 credits from the following units may apply: RUSS 110, RUSS 120.
5. Minimum 2.0 grade for each course and minimum 2.50 GPA for all UW and transfer courses presented for this option
6. Minimum 15 graded credits presented for this option must be completed at the UW

*Eastern European Languages, Literature, and Culture Option (Minimum 50 credits):*

1. One of the following: BCS 406, BCS 410, BULGR 406, CZECH 406, POLSH 406, ROMN 406, SLVN 406, UKR 406
2. SLAV 351 (5 credits)
3. Courses from the list below to reach the required 50-credit minimum. Up to 25 credits from the principal Eastern European language (item 1, above) may also be counted toward the 50-credit minimum requirement. Minimum 20 credits from BCS 420, CZECH 420, POLSH 320, POLSH 420, SLAV 110, SLAV 210, SLAV 223, SLAV 320, SLAV 323, SLAV 401, SLAV 423, SLAV 425, SLAV 426, SLAV 470, SLAV 481, SLAV 482, SLAV 483, SLAV 486, SLAV 490, SLAVIC 498, UKR 420
4. Minimum 2.0 grade in each course and minimum 2.50 cumulative GPA for all UW and transfer courses presented for this option.
5. Minimum 15 graded credits presented for this option must be completed at the UW.

*Foster School Requirements:* ACCTG 215, ACCTG 225; QMETH 201; MGMT 200; B ECON 300; MKTG 301; I S 300; I BUS 300; OPMGT 301; FIN 350; MGMT 300; MGMT 320; MGMT 430; and 300- or 400-level business electives (or area of concentration) to bring the total number of business credits to 72; two writing-intensive courses, one from B CMU 301, B CMU 410, ENGL 281, ENGL 381; one from English composition, or from the remaining three courses listed immediately above, or from any W course. No more than 6 lower-division business elective credits; a minimum of 90 non-business credits, which may include up to 14 credits of economics and up to 9 credits of statistics but not GEN ST 350; a minimum 2.50 cumulative GPA in all business credits earned at the UW; and a cumulative GPA of 2.50 for all UW credits. No more than 8 credits of business independent research coursework may be applied to the degree and no more than 4 credits of business independent research coursework may be applied to upper-division business electives. No more than 8 credits of internship coursework is applicable to the degree. Business internship credit may not apply to the upper-division business elective requirement. Students must complete six of the nine upper-division core courses, including MGMT 430, and 40 of the 53 required upper-division business credits at the UW. Students who have taken more than three of the nine upper-division core business courses at another school should consult an academic adviser in the Foster School Undergraduate Program Office prior to applying.

*Accounting Option:* The notation "Accounting" is indicated on the permanent record, or transcript, of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum cumulative GPA of 2.50: ACCTG 301, ACCTG 302, ACCTG 303, ACCTG 311, ACCTG 320, ACCTG 411, ACCTG 421, ACCTG 440, and at least one 400-level accounting elective, excluding ACCTG 401, ACCTG 490, ACCTG 495, and ACCTG 499. Students who have completed ACCTG 505 may not apply to the accounting option. The accounting option requires 186 credits for graduation.

*Entrepreneurship Option:* The notation "Entrepreneurship" is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum 2.50 cumulative GPA: ENTRE 370, FIN 457, MKTG 455; 8 credits of the following courses: ENTRE 422, ENTRE 432, ENTRE 440, ENTRE 443, ENTRE 459, or ENTRE 472 and ENTRE 473.

*Finance Option:* The notation "Finance" is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum cumulative GPA of 2.50: one course from FIN 450, FIN 453, FIN 454, or FIN 457; either FIN 460 or FIN 461; four additional courses chosen from the 400-level FIN courses, B ECON 301 or ECON 301, or the 400-level B ECON courses, excluding FIN 490, FIN 495, FIN 499, B ECON 490, and B ECON 499.

*Human Resources Management Option:* The notation "Human Resources Management" is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum cumulative GPA of 2.50: MGMT 311, MGMT 411, MGMT 412, and two of the following courses: MGMT 323, MGMT 401, MGMT 402, MGMT 403, MGMT 404, or MGMT 413.

*Information Systems Option:* The notation "Information Systems" is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum 2.50 cumulative GPA: I S 320, I S 410, I S 445, I S 451, and I S 460.

*Marketing Option:* The notation "Marketing" is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum 2.50 cumulative GPA: MKTG 450, MKTG 460, and three additional MKTG electives,

excluding MKTG 490, MKTG 495, and MKTG 499. It is recommended that students take MKTG 450 and MKTG 460 before they take the other electives.

*Operations and Supply Chain Management Option:* The notation “Operations and Supply Chain Management” is indicated on the transcript of a student who graduates with a degree of Bachelor of Arts in Business Administration and who completes the following courses with a minimum 2.50 cumulative GPA: QMETH 450, OPMGT 443, OPMGT 450, I S 451.

*Admission to the options:* Students can apply to one option at the same time they apply to the Foster School. Continuing Foster School students can apply during publicized application periods. If demand for the option exceeds the number of spaces available, students are considered based on the factors identified for admission to the Foster School and on their GPA in all previous option-specific courses.