

M.S. in Earth and Environmental Sciences -- Quarter to Semester Translation Table
 Quarter Requirements (AY 2017-18)

| | Quarter Courses | Semester Course Equivalencies (Course is the same as the quarter course. This can be 1:1; 1:many; many:1; or many:many courses. Anywhere (for any program) which the quarter course was required or listed, this (these) semester course(s) can be used. This information will also be displayed in the course conversion guide. Repeat rules apply.) | Acceptable Semester Course Substitutions (Course is NOT the same as the semester course, but it is acceptable for this particular program requirement area for all students. This information WILL NOT be displayed in the course conversion guide, but will be reflected on the PAWS as a choice for the student. Repeat rules DO NOT apply.) | Acceptable Semester Course Repeats (If there is no semester course equivalency, this is the alternative course to allow for grade forgiveness/grade discounting.) | Quarter Units (Current number of units which are required for each requirement area.) | Semester Units (Number of semester units which will be required for each requirement area.) | Notes |
|---|--|--|---|--|--|--|-------|
| Professional Sciences Masters (PSM) Option (49 units) (Program Code: EESP) | | | | | | | |
| Core Courses: | CHEM 610 | CHEM 610 + GEOL 610 = CHEM/GEOL 6000 | | | 4 | 4 | |
| | GEOG 470 | GEOG 4250 | | | 5 | 4 | |
| | GEOG 610 | CHEM 610 + GEOL 610 = CHEM/GEOL 6000 | | | 4 | 4 | |
| | one course chosen from: | CHEM 690 | CHEM 6900 | | 2 | 2 | |
| | or GEOL 690 | GEOL 6900 | | | 2 | 2 | |
| | HSCI 612 | HSCI 6210 | | | 4 | 3 | |
| | PA 620 | PA 5200 | | | 4 | 3 | |
| | four units chosen from: | ECON 360 | ECON 3103 | | 4 | 3 | |
| | IST 309 | TBA | any logical one, in consultation with coordinator | | 4 | | |
| | IST 474 | TBA | any logical one, in consultation with coordinator | | 4 | | |
| | a minimum of nine units, including one internship and one graduate study, chosen from: | CHEM 575A-E | CHEM 5751-5 | | 5 | 5 | |
| | CHEM 695D-E | CHEM 6950 | | | 4 | 3 | |
| | GEOG 575B-D | GEOL 5751-4 | | | 4 | 4 | |
| | GEOL 695D-E | GEOL 6950 | | | 5 | 3 | |
| | choose one of the following courses: | CHEM 6960 | GEOL 6960 | NA | 4 | 3 | |
| CHEM 699 | deleted | | | 4 | | | |
| GEOL 696D | GEOL 6960 | | | 4 | 3 | | |
| GEOL 699 | GEOL 6970 | | | 4 | 3 | | |
| Elective courses A minimum of 8 units; at least one course must be graduate level. | undergraduate electives: | BIOL 320 | BIOL 3200 | | 5 | 4 | |
| | BIOL 349 | deleted | | | | | |
| | BIOL 450 | BIOL 3800 | | | 5 | 4 | |
| | BIOL 455 | deleted | | | | | |
| | CHEM 345 | CHEM 3200 | | | 5 | 4 | |
| | GEOG 306 | GEOG 4880 | | | 5 | 4 | |
| | GEOG 308 | GEOG 3710 | | | 5 | 4 | |
| | GEOG 350 | GEOG 3500 | | | 4 | 3 | |
| | GEOG 402 | GEOG 4860 | | | 5 | 4 | |
| | GEOG 375 | GEOG 3700 | | | 4 | 3 | |
| | GEOG 376 | GEOL 3750 | | | 4 | 3 | |
| | GEOL 430 | GEOL 4100 | | | 5 | 4 | |
| | HSCI 380 | TBA | | | | | |
| | HSCI 478 | TBA | | | | | |
| | MGMT 335 | TBA | | | | | |
| | PA 315 | PA 3150 | | | 4 | 3 | |
| | graduate electives: | CHEM 501A | CHEM 5903 | | 1 | 3 | |
| | CHEM 545 | CHEM 5200 | | | 4 | 3 | |
| | CHEM 691B-D | deleted | | | | | |
| | CHEM 697 | CHEM 6753 | | | 4 | 3 | |
| | GEOG 650 | GEOG 6500 | | | 4 | 3 | |
| | GEOL 510 | GEOL 4100 | | | 5 | 4 | |
| | GEOL 621 | GEOL 6100 | | | 4 | 3 | |
| | GEOL 630 | GEOL 5440 | | | 5 | 4 | |
| | GEOL 635 | GEOL 5460 | | | 4 | 3 | |
| | GEOL 691B | deleted | | | | | |
| | GEOL 697 | GEOL 6752 | | | 4 | 2 | |
| | HSCI 557 | TBA | | | | | |
| | HSCI 558 | TBA | | | | | |
| | HSCI 651 | deleted | | | | | |
| PA 672 | PA 6720 | | | 4 | 3 | | |
| Geology Option (45 units minimum) (Program Code: EESG) | | | | | | | |
| Core Courses: | Core Courses (41) | CHEM 610 | CHEM 610 + GEOL 610 = CHEM/GEOL 6000 | | 4 | 4 | |
| | | GEOL 610 | GEOG/CHEM 610 + GEOL 610 = CHEM/GEOL 6000 | | 4 | 4 | |
| | | GEOL 690 | GEOL 6900 | | 4 | 3 | |
| | | GEOL 695D-E | GEOL 6950 | | 4 | 3 | |
| | | GEOL 699 | GEOL 6970 | | 4 | 3 | |
| Electives (25) | undergraduate electives: | CHEM 345 | CHEM 3200 | | 5 | 4 | |
| | | GEOG 402 | GEOG 4860 | | 5 | 4 | |
| | | GEOL 375 | GEOL 3700 | | 4 | 3 | |
| | | GEOL 376 | GEOL 3750 | | 4 | 3 | |
| | | GEOL 430 | GEOL 4100 | | 5 | 4 | |
| | graduate electives: | CHEM 501A-B | CHEM 5903 | | 4 | 3 | |
| | | CHEM 545 | CHEM 5200 | | 4 | 3 | |
| | | GEOL 540 | GEOL 5000 | | 4 | 3 | |
| | | GEOL 545A-B | GEOL 5000L | | 2 | 1 | |
| | | GEOL 550 | GEOL 5600 | | 4 | 4 | |
| | | GEOL 551 | GEOL 5220 | | 5 | 4 | |
| | | GEOL 552 | GEOL 5240 | | 5 | 4 | |
| | | GEOL 553 | GEOL 5260 | | 5 | 4 | |
| | | GEOL 575B-D | GEOL 5751-4 | | 4 | 4 | |
| | | GEOL 591 | GEOL 5280 | | 4 | 3 | |
| | | GEOL595A-F | GEOL 5951-3 | | 4 | 3 | |
| | | GEOL 621 | GEOL 6100 | | 4 | 3 | |
| | | GEOL 630 | GEOL 5440 | | 4 | 4 | |
| | | GEOL 635 | GEOL 5460 | | 4 | 3 | |
| | | GEOL 691B-D | deleted | | | | |
| | GEOL 696A-F | GEOL 6960 | | 4 | 3 | | |