MS in Environmental Engineering (Chemical and Biological Engineering)

Non-Thesis Option (Plan B)

Updated: April 11, 2012

This summary is only a partial list of the most commonly needed information. See the Graduate Bulletin for full specifications. This list is a combination of general requirements of The Graduate School (http://www.montana.edu/wwwdg/) and specific departmental requirements.

General Requirements

- Minimum 30 credits total coursework (4xx or 5xx-level)
- 2/3 of total credits must be 500-level or higher
- Courses graded below C- cannot be used to satisfy degree requirements
- Defense of professional paper
- Three credits (minimum) registration required during term of:
    - Comprehensive examination
    - Graduation (or 1 credit with *in absentia* request on file)

Course Requirements

- ECHM 594 Seminar (1 cr, may be taken twice for credit)
- ECHM 503 Thermodynamics (3 cr)
- ECHM 530 Transport Phenomena (3 cr)
- EBIO 566 Fundamentals of Biofilm Engineering (3 cr)*
- EENV 561 Environmental Engineering Reactor Theory (2 cr) or ECHM 510 Reaction Engineering and Reaction Modeling (3 cr)
- EENV 562 Water Treatment Processes and Design (3 cr)*
- EENV 563 Wastewater Treatment Processes and Design (3 cr)*
- EENV 575 Research or Professional Paper/Project (4 cr) or ENVE 534 Environmental Engineering Investigations (3 cr) and ENVE 575 (1 cr)
- ECIV 529 Groundwater Contamination (3 cr)*

(*Substitutions for these course requirements may be approved by the committee after carefully considering the background and professional goals of the student.)

Each student's graduate advisor and committee are to work with the student to prepare a program of study listing the courses the student will take. This program must be submitted to The Graduate School before the end of the second semester of study. Note: If the student is attempting to graduate in two semesters, the program of study and application for degree must be submitted by the third week of the second semester.