

## **BS/MS Quick Start Program Information For the MS Program in Environmental Engineering**

### **Purpose**

The BS/MS Quick Start program in Environmental Engineering is designed to provide highly qualified UW students with the opportunity to begin graduate study while they complete their Bachelor of Science (BS) degree in Civil Engineering, Architectural Engineering or Chemical Engineering. This program allows for early planning of the graduate portion of a student's education and provides more flexibility in the number of required courses and the order in which they are taken. The more efficient and better-planned use of time should result in reduction of the time required for obtaining the Master of Science in Environmental Engineering (ENV) degree. Students who enter the Quick Start program accept the primary responsibility for actively planning their programs of study to assure timely completion of their coursework and research programs.

The Quick Start program contains two essential elements:

1. Qualified students may receive provisional admission to the ENV graduate program prior to completing the normal application process. This provisional admission will permit students to make their long-term educational plans earlier in their studies, thus providing enhanced opportunities for course selection and involvement in research.
2. Students in the program may apply up to six credit hours of 5000-level courses toward both the BS and MS degree programs. By completing successfully up to six credit hours of graduate classes during their senior year, these students will have demonstrated their ability to do graduate-level course work as undergraduates, easing their transition to the ENV graduate program.

### **Admission**

Application for admission to the Quick Start program may be made when the student enters the second semester of their junior year, typically at the same time that the student submits a final undergraduate degree check. Applications must be approved by the student's graduate advisor (who may be different from the student's undergraduate advisor), the Graduate Committee of the Department where the graduate advisor is appointed, and the Department Head of the Department where the graduate advisor is appointed. Minimum requirements for admission to the Quick Start program are:

1. The completion of at least three core courses in the student's BS program (see Table 1),
2. A minimum cumulative GPA of 3.25,
3. Three letters of recommendation (at least two must be from either CAE or CHE faculty at UW).

In lieu of requirement 1 above, undergraduate transfer students must have taken courses equivalent to the core courses. Transfer students must have also completed at least 15 credit hours of courses at UW in order to be eligible for admission.

**Table 1. Core Courses Based on BS Program**

<b>Civil Engineering</b>	<b>Architectural Engineering</b>	<b>Chemical Engineering</b>
CE 3200 Structural Analysis I	ARE 3200 Structural Analysis I	CHE 2080 Chemical Engineering Fluid Mechanics
CE 3300 Hydraulic Engineering	ARE 3300 Building, Electrical and Plumbing Systems	CHE 3015 Chemical Engineering Thermo. II
CE 3400 Intro. to Environmental Engineering	ARE 3400 Heating, Ventilating and Air Conditioning of Buildings	CHE 3026 Heat Transfer
CE 3500 Transportation Engineering	ARE 3600 Architectural Design I	CHE 3028 Mass Transfer
CE 3600 Soil Mechanics I		CHE 3070 Process Simulation and Economics
		CHE 4060 Reaction Engineering

### **Retention requirements**

Prior to completion of all requirements for the BS degree, students in the Quick Start program must complete all requirements for admission to the ENV graduate program. However, the Graduate Records Examination (GRE) requirement may be waived. Failure to complete admission requirements will result in suspension from the program.

A student in the Quick Start program must maintain a cumulative GPA of at least 3.25 in his or her undergraduate courses and at least 3.0 in 5000-level courses in order to remain in good standing in the program. Failure to meet the GPA requirement places a student on probation for one semester. If the GPA requirement is not met after that semester, the student will be suspended from the program.

Students in the Quick Start Program must begin full-time graduate study in the semester following completion of the BS degree. A student who fails to remain continuously enrolled at UW may be suspended from the program.

### **Program of study**

Students in the BS/MS Quick Start program must complete a Plan A or Plan B Quick Start masters program of study in consultation with their graduate advisor. The program of study must include all the courses to be taken from the senior year through the end of the MS program. This plan must be filed with the Department's Graduate Coordinator by the end of the first semester in which the student has been admitted into the program.

### **Additional Information**

For additional information and forms, go to:

<http://www.uwyo.edu/chemical/graduate/prospective/environmental/index.html>

and scroll down to the Quick Start Program section.

You may also contact either:

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Ms. Elyse Johnson, EN 4055, (307) 766-2500