

BS/MS Quick Start Program

Department of Petroleum Engineering

Purpose of the program

The BS/MS Quick Start program in Petroleum Engineering (PETE) is designed to present well-qualified UW students with the opportunity to begin graduate study while they complete their Bachelor of Science (BS) degree in Petroleum 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 Petroleum Engineering.

The Quick Start program contains two essential elements:

1. Qualified students may receive provisional admission to the PETE 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 PETE graduate program.

Admission to the program

Application for admission to the BS/MS Quick Start program may be made when the student enters the second semester of their junior year. Minimum requirements for admission to the joint program are:

1. Completion of three core courses (see list below),
 - a. PETE Core Courses
 - i. PETE 3200 Reservoir Engineering
 - ii. PETE 3255 Basic Drilling Engineering
 - iii. PETE 3715 Production Engineering
 - b. Prerequisites
 - i. ES 2310 Thermodynamics I
 - ii. ES 2330 Fluid Dynamics
 - iii. PETE 2050 Fundamentals of PETE
2. A minimum cumulative GPA of 3.25,
3. A minimum GPA of 3.5 in PETE courses,
4. Three letters of recommendation (at least two from PETE faculty at UW).

Transfer students:

1. In place of requirement #1 above, must have taken at least two of the required PETE courses at UW,
2. Have completed coursework at another accredited institution(s) which is approved for transfer credit equivalent to all PETE courses not taken on the UW campus, and
3. Must have completed at least 15 total credit hours of PETE courses at UW in order to qualify for admission.

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 UW graduate school and the PETE graduate program. However, the Graduate Records Examination (GRE) requirement will be waived. Failure to complete all other 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 their undergraduate courses, 3.5 in their departmental 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 still not met after that semester, the student will be suspended from the program.

Regulations

Until a student in this program reaches a total of 129 credit hours of courses applicable to the BS degree in Petroleum Engineering and passes each with a grade of C or better, he/she will be governed by the rules and regulations applicable to any undergraduate student in the PETE department unless specified otherwise in the regulations described herein. After a student has accumulated a total of 129 applicable credit hours, he/she will be governed by the rules and regulations applicable to any graduate student in the PETE department unless specified otherwise in the regulations described herein. It is the intention of the department that, as far as possible, a student in this program is treated on the same basis as any other student in the department at a comparable stage of his/her academic career.

Advising

Students accepted into this program must have a graduate faculty advisor with whom they will plan their course of study through their final undergraduate courses, all graduate course work, and their graduate research efforts. The graduate advisor does not replace the undergraduate advising center for routine matters pertaining to their undergraduate degree program.

Plan of study

Students in the BS/MS Quick Start program will complete an MS Plan A or Plan B program of study in consultation with their faculty advisor. The program of study must include all the courses to be taken from the senior year through the end of the MS program.

Students must take 12 credit hours of courses in their senior year (4 courses: 2 reserved for graduate credit only and 2 'double dip' courses that will count for both the BS and MS degree programs, usually 4000-level electives), and then 18 credit hours in the subsequent year (for example for MS Plan A: 12 credits of courses, 2 credits of graduate seminar, and 4 credits of thesis research). The program of study must be filed with the PETE Graduate Coordinator by the end of the first semester in which the student has been admitted into the program (first semester of the final undergraduate year).

QUICK START PROGRAM – BS/MS IN PETROLEUM ENGINEERING

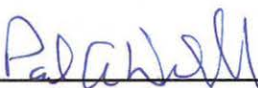
APPROVAL:



Department Head, Petroleum Engineering

11-13-19


Date



Dean, College of Engineering and Applied Science

11/15/2019

Date



Associate Vice Provost for Graduate Education
(with concurrence of Graduate Council)

3/24/2020

Date



Provost

3/24/2020

Date