Chemical Engineering (14CMM)

Description

The minor in Chemical Engineering is intended to allow students to develop an understanding of the fundamental concepts and practice of chemical engineering. This minor should prepare undergraduate students in environmental engineering, pulp and paper technology, and chemistry for graduate study in chemical engineering with a minimum amount of prerequisite work following their acceptance into the graduate program.

Requirements

The Chemical Engineering Minor requires a minimum of 19 hours. All courses must be completed with a grade of ‘C-’ or higher.

Required Courses

- CHE 205 Chemical Process Principles (4 cr)
- CHE 225 Chemical Process Systems (3 cr)
- CHE 311 Transport Processes I (3 cr)
- CHE 315 Chemical Process Thermodynamics (3 cr)
- CHE 316 Thermodynamics of Chemical and Phase Equilibria (3 cr)
- CHE 446 Design and Analysis of Chemical Reactors (3 cr)

Elective Courses

None

Admissions and Certification of Minor

Admission to the minor will require a minimum 2.5 over-all grade point average at NC State, and a grade of ‘B’ or higher on the first enrollment in CHE 205. An application for the minor must be submitted to Dr. Lisa Bullard, 2012 Engineering Bldg I, 919.515.7455, lisa_bullard@ncsu.edu. Dr. Bullard will also certify the completion of the student’s minor program. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for certification can be found in 2001 Engineering Bldg I and should be completed no later than during the registration period for the student’s final semester at NC State.

Contact Person

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SIS Code: 14CMM