

Program In Development: Engineering

Faculty

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Union University will offer engineering courses beginning Fall, 2001 to prepare graduates for the practice of engineering at the professional level and lead to Union's first degree in engineering, which should be conferred in 2005 or 2006. Union will offer the Bachelor of Science in Engineering, B.S.E., with possible concentrations in the electrical, industrial, and mechanical areas. The University will apply for accreditation with ABET (the Accrediting Board for Engineering and Technology) as soon as possible, which is generally in the fifth year of operation of an engineering program. The University is currently recruiting faculty for this program.

Students may begin their preparation for engineering by enrolling in required prerequisites in the Fall Semester, thus assuring them an adequate foundation for engineering. The first year of study emphasizes courses that are basic to any engineering degree. Union provides students with a strong background in the physical sciences and mathematics, (physics, calculus, chemistry, differential equations), as well as the fundamental humanities and social studies areas. Incoming students are expected to have completed the necessary requirements that will allow them to begin mathematics at the level of calculus. Ideally, engineering students will have been introduced to calculus in high school. All courses in the program are designed to fully prepare the student for a