INDUSTRIAL ENGINEERING, BS-MS

for the joint degree of Bachelor of Science in Industrial Engineering and Master of Science in Industrial Engineering

This program is not currently accepting applications.

for the joint degree of Bachelor of Science Major in Industrial Engineering and Master of Science in Industrial Engineering

Course Requirements
The combined program requires 120 hours of undergraduate credit and 32 hours of graduate credit. This compares to 128 hours of undergraduate credit and 32 hours of graduate credit when the B.S. and M.S. degrees are earned separately. The undergraduate requirements are identical to the four-year B.S. program shown above, except that the following requirements are waived:

• one IE technical elective — 3 hours
• Free electives — 5 hours

In addition, independent study project courses may not be used as IE or technical electives in the B.S. portion of the combined program.

In the M.S. portion of the program, 32 hours of credit and a thesis are required. There must be at least 24 hours of formal graded course work at the 400 level or greater, eight of which must be at the 500 level, and four of the eight must be in the major field. A Master’s thesis, for which at least four and no more than eight hours of IE 599 credit is required. Students must also register for the graduate seminar course (IE 590) every semester following formal admission into the graduate portion of the program.

A student in the combined program must spend at least two academic years in residence, full time in the combined degree program, and at least one of these years must be with graduate status. Students must maintain a graduate GPA of 3.00 in order to remain in the combined program.

The B.S. and M.S. degrees are granted simultaneously at the end of the program.