

INDUSTRIAL ENGINEERING - ENGINEERING MANAGEMENT CONCENTRATION

Department: Industrial and Manufacturing Engineering and Technology
(<https://catalog.bradley.edu/undergraduate/engineering-technology/industrial-engineering/>)

The baccalaureate programs in industrial engineering and manufacturing engineering are accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

The Bachelor of Science in Industrial Engineering (BSIE) program with the Engineering Management concentration is most appropriate for technically focused individuals who desire to achieve management-level positions in engineering environments. This concentration focuses on management of technology and intellectual property; research and development; engineering and technical projects; people, resources and organizations; quality; and team-based projects. The courses listed in the following curricular schedule must be completed to meet degree requirements in industrial engineering, leading to the Bachelor of Science in Industrial Engineering with the Engineering Management concentration. Students declaring this concentration must also declare and complete the Management & Leadership minor in the Foster College of Business.

Code	Title	Hours
Approved Engineering Management Concentration Technical Electives		
M L 350	Managing for Results in Organizations	3.0
M L 356	Human Capital in Organizations	3.0
M L 357	Leading Organizations	3.0
Two additional Management and Leadership courses		
M L 350	Managing for Results in Organizations	3.0
M L 499	Independent Studies	1.0-3.0
Choose two courses from the following:		6.0
IME 314	Operations Research II	
IME 468	Engineering Analytics 1	
IME 478	Engineering Analytics 2	
IME 481	Lean Production Systems	
IME 483	Production Planning and Control	
IME 486	Logistics & Supply Chain Systems	
IME 487	Occupational Safety and Health	
Total Hours		19-21