

MANUFACTURING ENGINEERING - PROCESS ENGINEERING 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 Process Engineering concentration of the Manufacturing Engineering major (<https://catalog.bradley.edu/undergraduate/programs/manufacturing-engineering-major/>) provides the graduates with a strong set of knowledge and skills in product design, manufacturing processes, materials selection and design, automation, and manufacturing systems. Graduates may be employed in industries such as automotive, aerospace, and heavy equipment manufacturers.

Code	Title	Hours
Concentration Core Courses		
IME 325	Transport Phenomena	3.0
Select one of the following (both are required for this concentration): 3.0		
IME 441	Manufacturing Processes I	
IME 443	Manufacturing Processes II	
IME 412	Design and Analysis of Experiments	3.0
IME 495	Design for Manufacturability	3.0
Approved Technical Elective Courses		
Select three additional elective courses from the Approved Technical Elective Courses		9.0
Total Hours		21