

Manufacturing Engineering

Department Information

- **Department Web Site:**
www.ndsu.edu/ime/ (<http://www.ndsu.edu/ime/>)
- **Credential Offered:**
B.S.Mfg.E.; Minor
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/manufacturing-engineering/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/manufacturing-engineering/>)

Sample Program Guide

IMPORTANT DISCLAIMER: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with their academic advisor to ensure requirements are being met.

Freshman			
Fall	Credits	Spring	Credits
CHEM 121 & 121L		4 IME 111	3
ENGL 110		3 MATH 166	4
ENGL 120		3 ME 212	3
MATH 165		4 ME 221	3
COMP SCI ELECTVE (Select from approved list of electives)		3 CHEM 122	3
		17	16
Sophomore			
Fall	Credits	Spring	Credits
COMM 110		3 IME 311	3
IME 330		3 MATH 266	3
MATH 128		1 PHYS 252 & 252L	5
MATH 259		3 ME 331	4
ME 222		3 CE 309	3
ME 223		3	
		16	18
Junior			
Fall	Credits	Spring	Credits
IME 380		3 IME 431	3
IME 430		3 IME 440	3
IME 460		3 IME 461	3
ENGL 321		3 ME 350	3
IME 456		3 GEN ED Humanities & Fine Arts/ Global Perspectives	3

GEN ED Wellness		2		
		17		15
Senior				
Fall	Credits		Spring	Credits
IME 480			3 IME 489	3
IME 482			3 ENGR SCI ELECTIVE (Select from approved list of electives)	3
GEN ED Social & Behavioral Sciences			3 GEN ED Social & Behavioral Sciences/Global Perspectives	3
TECHNICAL ELECTIVE (Select from approved list of tech electives)			3 TECHNICAL ELECTIVE (Select from approved list of tech electives)	3
ENGR 327			3 TECHNICAL ELECTIVE (Select from approved list of tech electives)	3
		15		15

Total Credits: 129

DEGREE NOTES:

- Grades less than 'C' will not be accepted for required courses in CHEM, MATH, and PHYS.
- Students may request approval for other 300-400 level engineering or related courses to be approved as technical electives. To request approval, a student should submit a request to the IME Department indicating the course of interest and why the course should be approved as a technical elective. This request will be reviewed by the IME Department Chair for approval.
- 300-400 level BUSN courses require at least junior standing and a minimum 2.50 cumulative GPA.