

Mechanical Engineering and Physics

Department Information

- **Department Web Site:**
www.ndsu.edu/me/ (<http://www.ndsu.edu/me/>)
- **Credential Offered:**
B.S.M.E.
- **Official Program Curriculum:**
catalog.ndsu.edu/undergraduate/program-curriculum/mechanical-engineering-physics/ (<http://catalog.ndsu.edu/undergraduate/program-curriculum/mechanical-engineering-physics/>)

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree 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 academic advisors to ensure graduation requirements are being met.

Freshman			
Fall	Credits	Spring	Credits
MATH 165		4 MATH 166	4
ENGL 110 (or placement)		3 ENGL 120	3
CHEM 121		3 CHEM 122	3
ME 111		2 ME 212	3
PHYS 171		1 ME 221	3
Gen Ed Humanities & Fine Arts		3 Gen Ed Wellness	2
		16	18
Sophomore			
Fall	Credits	Spring	Credits
MATH 129		3 MATH 266	3
MATH 265		4 COMM 110	3
IME 330		3 PHYS 252	4
ME 222		3 PHYS 252L	1
ME 223		3 ME 213	3
		ME 351	3
		16	17
Junior			
Fall	Credits	Spring	Credits
ENGL 321		3 ECE 301	3
ME 331		4 ME 361	3
ME 352		3 ME 442	3
PHYS 355 (ME Tech Elective)		3 ME 454	3
PHYS 411		3 PHYS 350 (ME Tech Elective)	3
PHYS 411L		1 PHYS 361 (ME Tech Elective)	3
		17	18
Senior			
Fall	Credits	Spring	Credits
ECE 306		1 ME 412	3

ME 443	3 ME 462	3
ME 457	3 ME 421	3
ME 461	3 Physics Elective	3
PHYS 485	3 Gen Ed Social & Behavioral Science	3
Gen Ed Social/Behavioral Sci & Global Perspect	3 ENGR 327	3
16		18

Total Credits: 136

Degree Notes:

- Students who transfer any 30 or more credits into the program are not required to take ME 111.
- No grade less than 'C' is accepted to fulfill any of the degree requirements.
- Admission to the Mechanical Engineering Professional program requires a minimum 2.70 engineering GPA and a minimum 2.50 cumulative GPA.
- A 2.50 cumulative GPA is required for graduation.