

2018 - 2019 Old Dominion University Catalog

Bachelor of Science in Mechanical Engineering

This is a sample four year curriculum with a suggested ordering of courses. Students have the flexibility of re-ordering as needed.

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>Credit Hours</u>
MATH 211	4
CHEM 121N	3
CHEM 122N	1
ENGL 110C (C or better required)	3
ENGN 110	2
COMM 101R	3

SPRING SEMESTER (17 credits)

<u>General Education Coursework:</u>	<u>Credit Hours</u>
MATH 212	4
CHEM 123N	3
PHYS 231N	4
CS 150	4
MAE 111	2

YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (18 credits)

<u>General Education Coursework:</u>	<u>Credit Hours</u>
PHYS 232N	4
MATH 312	4
MAE 204	3
MAE 201	3
MAE 203	1
MET 120	3

SPRING SEMESTER (16 credits)

<u>General Education Coursework:</u>	<u>Credit Hours</u>
MAE 205	3
MAE 220	3
MAE 225	1
MATH 307	3
ENGL 231C (C or better required)	3
Interpreting the Past	3

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
MAE 303	3
MAE 305	1
MAE 311	3
MAE 340	3
Literature	3
Human Creativity	3

SPRING SEMESTER (16 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
MAE 312	3
MAE 332	3
MAE 315	3
ENGN 401	1
Philosophy and Ethics (ENMA 480 preferred)	3
Human Behavior	3

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
MAE 433	3
MAE 434W (C or better required)	3
MAE 436	3
MAE Option Course	3
Upper-Division General Education	3

SPRING SEMESTER (12 credits)

<u>Major Coursework:</u>	<u>Credit Hours</u>
MAE 435	3
MAE Option Course	3
MAE Option Course	3
Upper-Division General Education	3

TOTAL CREDIT HOURS: 126

Does not include the University's General Education Language and Culture Requirement. Additional Hours may be required.

General Education requirements in Information Literacy and Research and Impact of Technology are met through the major. For additional information consult the department undergraduate handbook.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.