

Mechanical Engineering — ABM

Accelerated Bachelor's/Master's Curriculum for Mechanical Engineering

The following are the steps for a Mechanical Engineering undergraduate student following the current model curriculum to enter and complete the proposed ABM program:

- Seek admission (Deadline for application is March 1) to ABM Program in Spring semester of Junior year; **minimum 3.4 GPA**
- Start ABM Program in Fall semester of undergraduate Senior year
- Graduate with BME degree in Spring of undergraduate Senior year and **gain 9 credits of MECH 6xxx** credits towards ABM program during Senior year
- Complete 3 hours of 6000 or 7000 level Science/Engineering course during first Summer of MS program
- Complete 3 hours of 6000 or 7000 level Science/Engineering course + 6 hours of MECH 6xxx or MECH 7xxx in first Fall semester of MS (OR, 9 hours of MECH 6xxx or MECH 7xxx in first Fall semester of MS)
- Complete 3 hours of 6000 or 7000 level Science/Engineering course + 6 hours of MECH 6xxx or MECH 7xxx in first Spring semester of MS (OR, 9 hours of MECH 6xxx or MECH 7xxx in first Spring semester of MS)
- Complete degree in Spring semester of MS

Senior Year for Students in ABM Program - Mechanical Engineering

Courses shown in bold below are those used by students enrolled in the ABM program to meet nine undergraduate hours and nine hours to be used toward their graduate degree.

Senior

Fall	Hours	Spring	Hours
MECH 4240 Comprehensive Design I		2 MECH 4250 Comprehensive Design II	2
MECH 6xx0/7xx0 Technical Elective *		3 MECH 6xx0/7xx0 Technical Elective *	3
MECH 6xx0/7xx0 Technical Elective *		3 Free Elective or ROTC	3
Core Literature ²		3 Core Social Science ¹	3
PHIL 1020 Introduction to Ethics (or PHIL 1040 Business Ethics, or PHIL 1110 Ethical and Conceptual Foundations of Science (Core Ethics))		3 Core Fine Arts	3
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Total Hours: 28