

Aerospace Engineering — ABM

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

The Aerospace Engineering ABM program provides an opportunity for highly motivated undergraduate students to gain a depth of understanding and experience of aerospace engineering beyond that of typical bachelor's level graduates. There is currently a strong demand in industry for aerospace engineers with advanced degrees and this program will enable our students to attain this degree in 3 semesters instead of 4. The Bachelor of Aerospace Engineering undergraduate major can lead to a Master of Science in Aerospace Engineering (thesis or non-thesis) in the ABM track. Please see the Department of Aerospace Engineering's website for additional information.

- AERO 6xx0/7xx0 courses are approved courses that can be taken in the ABM program that replace Aero/Astro Electives at the undergraduate level.
- MATH 6630 can be taken in the ABM program to replace MATH 5630.

Junior/Senior Year for Students in ABM Program - Aerospace Engineering

Courses marked with an asterisk are those used by students enrolled in the ABM program to meet nine undergraduate hours during and nine graduate hours to be used toward their graduate degree.

Senior

Fall	Hours	Spring	Hours
AERO 4140 Aerodynamics III		3 AERO 4630 Aerospace Structural Dynamics	4
AERO 4510 Aerospace Propulsion		4 AERO 4720 Aerospace Design II	3
AERO 4620 Aerospace Structures II		4 *Aero/Astro 6xxx/7xxx	6
AERO 4710 Aerospace Design I		3 AERO 4AA0 Program Assessment	0
		Core Social Science	3
		UNIV 4AA0 Achieve the Creed	0

Accelerated Master of Science in Aerospace Engineering Curriculum Model (non-thesis)

Fifth Year

Fall	Hours	Spring	Hours
Aero 6xxx/7xxx		6 Aero 6xxx/7xxx	9
6xxx-7xxx technical courses in engineering, science, or mathematics		6 6xxx-7xxx technical courses in engineering, science, or mathematics	3
	12		12

Total Hours: 24