

Department of Physics
Bachelor of Science in Atmospheric Sciences and Meteorology (Proposed)
Major Code: 0341
Curriculum Guide

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
FRST 101	1	PHYS 100	1
ENGL 100	3	ENGL 101	3
MATH 131	4	ASME 151	3
CHEM 106	3	MATH 132	4
CHEM 116	1	Humanities/Fine Arts (HFA) ¹	3
African-American History and Culture (AA) ¹	3	Semester Total	14
Semester Total	15		
Sophomore Year: First Semester		Sophomore Year: Second Semester	
ASME 251	3	PHYS 305	3
ASME 252	1	ASME 231	3
MATH 231	4	MATH 224	3
PHYS 241	3	PHYS 242	3
PHYS 251	1	PHYS 252	1
Social/Behavioral Sciences (SBA) ¹	3	Global Awareness (GL) ¹	3
Semester Total	15	Semester Total	16
Junior Year: First Semester		Junior Year: Second Semester	
ASME 433	3	ASME 422	4
ENGL 331 <i>Writing for Science & Technology</i>	3	ASME 434	3
PHYS 345	3	ASME 385	3
PHYS 411	3	Technical Elective ⁴	3
PHYS 400	3	ASME Elective ²⁻¹	3
Semester Total	15	Semester Total	16
Senior Year: First Semester		Senior Year: Second Semester	
ASME 492	1	ASME 496	6
PHYS Elective ³	3	ASME 492	1
ASME Elective ²⁻²	3	ASME Elective ²⁻³	3
PHYS Elective ³	3	Elective Free Elective	3
Technical Elective ⁴	3	Semester Total	13
Elective Free Elective	3		
Semester Total	16		

Total Credit Hours: 120

¹Courses may only satisfy ONE general education requirement GL, AA, SBS, or HFA (e.g. LIBS202 can satisfy HFA or AA, but not both).

²⁻¹ASME Elective: Course must be chosen from ASME: 211, 234, 275, 285

²⁻²ASME Elective: Course must be chosen from ASME: 423, 420, 430, or 440.

²⁻³ASME Elective: Course must be chosen from ASME: 463, 470, 480, 481, or 491.

³PHYS Elective: Course must be chosen from PHYS 4xx: 401, 412, 415, 416, 420, 430, 440, 447, 475, 485, or 494.

⁴Technical Electives (6 credits): Courses must be in Mathematics, Science or Engineering.

ASME 496 capstone course

Free electives (6 credits)