

Atmpospheric & Oceanic Science

General Education Requirements				Major Requirements		
				C- or better is required in all major requirements and the cumulative average of these courses must be 2.0		
Fundamental Studies				Requirements	Credits	Grade
<i>Requirements: __ credits</i>	Course	Credits	Grade	Benchmark 1 Requirements		
Academic Writing AW	ENGL101			ENGL101***		
Professional Writing PW	ENGL390			CHEM135, CHEM132 or 136		
Oral Comm. OC	CMNS390			AOSC200 & 201		
Math MA				MATH140, MATH141		
Analytic Reasoning AR	MATH140			Benchmark 2 Requirements		
Distributive Studies				MATH241 & 246		
<i>Requirements: __ credits</i>	Course	Credits	Grade	PHYS272, 275, 273		
Natural Sciences Lab NL	AOSC200 & AOSC201			CMSC106 or 131		
Natural Sciences NS	PHYS171			AOSC4XX		
History/Social Sciences HS				AOSC4XX		
History/Social Sciences HS						
Humanities HU				Major Requirements		
Humanities HU				AOSC200*		
Scholarship in Practice SP	AOSC498**			AOSC201		
Scholarship in Practice SP (non major)				AOSC 431		
I-Series				AOSC432		
Normally double counted with Distributive Studies				AOSC494		
<i>Requirements: __ credits</i>	Course	Credits	Grade	AOSC493		
I-Series IS	AOSC200 & AOSC201			AOSC498		
I-Series IS				Four of the following:		
Diversity				AOSC400		
(overlap permitted with Distributive Studies and/or I-series)				AOSC401		
<i>Requirements: __ credits</i>	Course	Credits	Grade	AOSC424		
Understanding Plural Soc. UP				AOSC434		
Understanding Plural Soc. UP or Cultural Competency CC				AOSC470		
Experiential Learning- optional				Major Supporting Sequence (__ credits)		
(overlap permitted with other requirements/courses)				CHEM135 & either CHEM136 or CHEM132		
<i>Requirements: __ credits</i>	Course	Credits	Grade	MATH140		
				MATH141		
				MATH241&MATH246 or MATH340&MATH341		
				PHYS161&174 or PHYS171&174		
				PHYS260&261 or PHYS272&275		
				PHYS270&271 or PHYS273		
				CMSC106 or 131		
Students must earn a minimum of 120 credits to complete a degree.				MAJOR ELECTIVE		
Requirements for Graduation:				MAJOR ELECTIVE		
<input type="checkbox"/> At least 30 credits must be earned at UMD						
<input type="checkbox"/> 15 of the final 30 credits must be earned at the 300-400 level						
<input type="checkbox"/> 12 upper level major credits must be earned at UMD						

*Or a comparable AOSC course at the 200 level.

**AOSC498, the senior research project, will be submitted as a scholarship in practice course.

*** Excluded from the 2.0 average calculation

Updated 6/2014

Atmospheric & Oceanic Science Four Year Academic Plan

Year 1	Fall	Spring
	Credit Grade	Credit Grade
Benchmark Requirements	See CMNS policy http://www.cmns.umd.edu/undergraduate/4yearplans.htm	
ENGL101	ENGL 101 (AW) 3 ___	History/Social Sciences* (HS) 3 ___
PHYS161 or 171	Humanities* (HU) 3 ___	PHYS 171 (NS) &174 4 ___
CHEM135	CHEM 135 3 ___	AOSC 200&201 (NL) 4 ___
CHEM136 or 132	CHEM 132 or CHEM 136 1 ___	MATH 141 4 ___
MATH140 &141	MATH 140 (AR) 4 ___	
AOSC200 & 201	UNIV 100 1 ___	
	Total 15 ___	Total 15 ___
Year 2		
	Credit Grade	Credit Grade
Benchmark 2 Requirements	See CMNS policy http://www.cmns.umd.edu/undergraduate/4yearplans.htm	
MATH241 & 246	Elective 3 ___	AOSC 4XX 3 ___
PHYS272, 275, 273	MATH 241 4 ___	MATH 246 4 ___
CMSC106 or 131	PHYS 272&275 5 ___	PHYS 273 4 ___
AOSC4XX	AOSC 431 3 ___	CMSC 106 OR 131 4 ___
AOSC4XX		
	Total 15 ___	Total 15 ___
Year 3		
	Credit Grade	Credit Grade
<i>Major Requirements</i>	History/Social Sciences* (HS) 3 ___	AOSC 4XX 3 ___
	Elective 3 ___	MAJOR ELECTIVE 3 ___
	ENGL 390 (PW) 3 ___	Elective 3 ___
	AOSC 494 1 ___	Elective 3 ___
	AOSC 432 3 ___	Elective 3 ___
	AOSC 4XX 3 ___	
	Total 16 ___	Total 15 ___
Year 4		
	Credit Grade	Credit Grade
<i>Major Requirements</i>	AOSC 493 3 ___	AOSC 498 (SP) 3 ___
	AOSC 4XX 3 ___	MAJOR ELECTIVE 3 ___
		Schol. In Practice* (SP) non major 3 ___
	CMNS390** (OC) 3 ___	Elective 3 ___
	Elective 2 ___	Humanities* (HU) 3 ___
Total 14 ___	Total 15 ___	

*All students must complete two Distributive Studies courses that are approved I-Series courses.

Students must also complete Understanding Plural Society and Cultural Competence courses that may also fulfill a Distributive Studies category.

**Students must complete CMNS390 if they have not already completed a course that meets the Oral Communications requirement.