

PHYSICS-Meteorology (1902M)

General Education Requirements				Major Requirements		
				C- or better is required in all major requirements and the cumulative average of these courses must be a 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				PHYS171, 174		
Oral Comm. OC	CMNS390			CHEM135, 136		
Math MA				MATH140, 141		
Analytic Reasoning AR	math 140			Benchmark 2 Requirements		
Distributive Studies				MATH241, 246		
<i>Requirements: __credits</i>	Course	Credits	Grade	PHYS272, 273, 275, 276		
Natural Sciencde Lab NL	phys 272/5					
Natural Sciences NS	phys 171			Major Requirements		
History/Social Sciences HS				phys 171	3	
History/Social Sciences HS				phys 174	1	
Humanities HU				phys 272	3	
Humanities HU				phys 273	3	
Scholarship in Practice SP	phys 375			phys 275	2	
Scholarship in Practice SP (non major)				phys 276	2	
I-Series				phys 375	3	
Normally double counted with Distributive Studies				phys 404	3	
<i>Requirements: __credits</i>	Course	Credits	Grade	aosc 431	3	
I-Series IS				aosc 432	3	
I-Series IS				aosc 434	3	
Diversity						
(overlap permitted with Distributive Studies and/or I-series)						
<i>Requirements: __credits</i>	Course	Credits	Grade	and Option I (all of)		
Understanding Plural Soc. UP				phys 401 and phys 402	8	
Understanding Plural Soc.UP or Cultural Competency CC				or Option II (two of the following)		
Experiential Learning- optional				phys 405, phys 406,	6 to 8	
(overlap permitted with other requirements/courses)				phys 410, phys 411,		
<i>Requirements: __credits</i>	Course	Credits	Grade	phys 420		
				Major Supporting Sequence (__ credits)		
				math 140	4	
Students must earn a minimum of 120 credits to complete a degree.				math 141	4	
Requirements for Graduation:				math 241	4	
<input type="checkbox"/>	At least 30 credits must be earned at UMD			math 240 or 461	4 or 3	
<input type="checkbox"/>	15 of the final 30 credits must be earned at the 300-400 level			math 246	3	
<input type="checkbox"/>	12 upper level major credits must be earned at UMD			math 462	3	

* Excluded from the 2.0 average calculation

Updated 8/2012

Physics - Meteorology (1902M) Four Year Academic Plan

Year 1	Fall		Spring			
		Credit	Grade		Credit	Grade
Benchmark1	MATH 140 (AR)	4		MATH 141	4	
ENGL101	PHYS 174	1		PHYS 171 (NS)	3	
MATH140,141	ENGL 101 (AW)	3		CHEM 231/232	4	
PHYS171, 174	PHYS 170 (elective)	1		History & Social Science (HS)*	3	
CHEM135,136	Humanities (HU)*	3		Elective	1	
	CHEM 135/136	4				
	Total	16		Total	15	
Year 2						
Benchmark 2	MATH 241	4		MATH 246	3	
MATH241, 246	PHYS 272/275 (NL)	3		PHYS 273	3	
PHYS272, 273, 275, 276	Elective	3		PHYS 276	2	
	History & Social Sciences (HS)*	3		Elective	3	
	Total	15		Humanities(HU)*	3	
				Total	14	
Year 3						
	MATH 240	4		PHYS 402	4	
	MATH 462	3		PHYS 375 (SP)	3	
	PHYS 401	4		AOSC 434	3	
	ENGL 390 (PW)	3		Electives	5	
	Elective	1				
	Total	15		Total	15	
Year 4						
	AOSC 431	3		AOSC 432	3	
	Schol. in Practice (SP) (non-major)	3		PHYS 404	3	
	Electives	6		Electives	3	
	Elective	3		CMNS390 ** (OC)	3	
	Total	15		Elective	3	
				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.