

# ASTRONOMY

General Education Requirements				Major Requirements		
Fundamental Studies				Requirements	Credits	Grade
Requirements: __credits	Course	Credits	Grade	Benchmark 1 Requirements		
Academic Writing AW	ENGL101	3		ASTR120	3	
Professional Writing PW		3		ASTR121	4	
Oral Comm. OC		3		MATH140	4	
Math MA	MATH115	3				
Analytic Reasoning AR	MATH140	3		Benchmark 2 Requirements		
Distributive Studies				MATH141	4	
Requirements: __credits	Course	Credits	Grade	PHYS171	3	
Natural Sciences Lab NL	ASTR121	4		PHYS174	1	
Natural Sciences NS	ASTR120	3				
History/Social Sciences HS						
History/Social Sciences HS						
Humanities HU				Major Requirements		
Humanities HU				ASTR310	4	
Scholarship in Practice SP	ASTR310	4		ASTR320	3	
Scholarship in Practice SP (non major)				ASTR4**	3	
I-Series				ASTR4**	3	
Normally double counted with Distributive Studies						
Requirements: __credits	Course	Credits	Grade			
I-Series IS				MATH241	4	
I-Series IS				PHYS165	3	
Diversity				PHYS272	3	
(overlap permitted with Distributive Studies and/or I-series)				PHYS273	3	
Requirements: __credits	Course	Credits	Grade	PHYS274	3	
Understanding Plural Soc. UP				PHYS275	2	
Understanding Plural Soc. UP or Cultural Competency CC				PHYS276	2	
Experiential Learning- optional						
(overlap permitted with other requirements/courses)				PHYS371	3	
Requirements: __credits	Course	Credits	Grade	PHYS373	3	
				PHYS401	4	
				PHYS404	3	
Students must earn a minimum of 120 credits to complete a degree.				Grade of C- or better required		
Requirements for Graduation:				in major courses.		
___ At least 30 credits must be earned at UMD				Overall GPA of 3.0 or better.		
___ 15 of the final 30 credits must be earned at the 300-400 level						
___ 12 upper level major credits must be earned at UMD						

Last updated Feb. 16, 2016.

## ASTR Four Year Academic Plan

Year 1	Fall		Spring	
	Credit	Grade	Credit	Grade
Benchmark Requirements ASTR 120, 121, MATH140	ENGL101 FSAW	3 ____	ASTR121 DSNL	4 ____
	ASTR120 DSNS	3 ____	MATH141	4 ____
	MATH 140 FSMA/AR	4 ____	PHYS171	3 ____
	GenEd SCIS	3 ____	PHYS174	1 ____
	GenEd DSHS	3 ____	GenEd SCIS	3 ____
	_____	_____	_____	_____
	_____	_____	_____	_____
	Total	16	Total	15
Year 2				
Benchmark 2 Requirements MATH141, PHYS 171, 174	ASTR310 DSSP	4 ____	PHYS273	3 ____
	MATH241	4 ____	PHYS274	3 ____
	PHYS272	3 ____	PHYS276	2 ____
	PHYS275	2 ____	GenEd DSUP	3 ____
	GenEd FSOC	3 ____	elective	3 ____
	_____	_____	_____	_____
	Total	15	Total	14
Year 3				
	PHYS165	3 ____	ASTR320	3 ____
	PHYS371	3 ____	PHYS401	4 ____
	PHYS373	3 ____	ENGL 393/390 FSPW	3 ____
	GenEd DSHU	3 ____	GenEd DSUP/CC	3 ____
	elective	3 ____	elective	3 ____
	Total	15	Total	16
Year 4				
	ASTR4**	3 ____	ASTR4**	3 ____
	PHYS404	3 ____	GenEd DSHS	3 ____
	GenEd DSSP	3 ____	elective	3 ____
	GenEd DSHU	3 ____	elective	3 ____
	elective	3 ____	elective	3 ____
	Total	15	Total	15

Last updated Feb. 16, 2016.