

WN16 Requirements

SPACE Undergraduate Curriculum - Space Science

Semester	YEAR 1				YEAR 2				YEAR 3				YEAR 4				
	FALL		WINTER		FALL		WINTER		FALL		WINTER		FALL		WINTER		
	1	2	3	4	5	6	7	8									
	MATH 115	4	MATH 116	4	MATH 215	4	MATH 216	4	SPACE 380 Intro Rad Transfer	3	SPACE 462 Instrument. Atmos. and Space	4	SPACE 499* Senior Thesis	2	SPACE 499 Senior Thesis	2	
	CHEM 125/126 & 130 or CHEM 210/211	5	PHYSICS 140/141	5	PHYSICS 240/241	5	SPACE 323 Earth Sys Analysis	4	SPACE 370 Solar- Terrestrial Relations	4	PHYSICS 405 Inter Electricity and Magnetism	3	NERS 471 Intro to Plasmas	3	SPACE 477 Space Wea. Modeling	4	
	ENGR 100	4	ENGR 101	4	SPACE 320 Earth and Space Sys Evolution	3	SPACE 321 Earth and Space Sys Dynamics	3	PHYSICS 340 Waves, Heat and Light	3	PHYSICS 390 Modern PHYSICSics	3	SPACE 478 Space Environment	4	SPACE 495/595/598 iono/magneto /helio	4	
											Tech Elective	4	Tech Elective	3	SPACE 4XX Data Analysis & Visualization	4	
	Intellectual Breadth	4	Intellectual Breadth	4	Intellectual Breadth	4	Intellectual Breadth	4	Unrestricted Elective	3	Unrestricted Elective	4	Unrestricted Elective	3	Tech Elective	3	
College		13		13		9		4									39
Int. Breadth		4		4		4		4									16
Core						3		7		10		10		9		14	53
Tech Elective												4		3		3	10
Unrestricted										3		4		3			10
Total Credits		17		17		16		15		13		18		15		17	128

\*Student may take either year-long (2 CR each term) SPACE 499 Directed Study as a Senior Thesis option or SPACE 455 Senior Capstone Design