

<b>Astronomy 8-Semester Plan: Precalculus Start</b>			
<b>Year 1</b>			
<i>Fall 2021 Semester</i>		<i>Spring 2022 Semester</i>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
Gen Ed: Basic Communication	4	MAT251 Calculus I	4
MAT181 Precalculus	4	CHE202 General Chemistry II	3
CHE201 General Chemistry I	3	CHE212 General Chemistry II Lab	1
CHE211 General Chemistry I Lab	1	PHY205 Expl'g the Solar System	3
Gen Ed: Foreign Language 1	3	Gen Ed: Foreign Language 2 <sup>*2</sup>	3
Physics & Astronomy Seminar <sup>*1</sup>	1		
<b>Semester Total</b>	<b>16</b>	<b>Semester Total</b>	<b>14</b>
<b>Year 2</b>			
<i>Fall 2022 Semester</i>		<i>Spring 2023 Semester</i>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
MAT252 Calculus II	4	PHY202 General Physics II	3
PHY201 General Physics I	3	PHY212 General Physics II Lab	1
PHY211 General Physics I Lab	1	PHY340 Intro to Astrophysics	3
PHY342 Planetarium Operations (Astronomy elective, by advisem't)	3	Elective	3
General Education course	3	General Education courses (2)	6
<b>Semester Total</b>	<b>14</b>	<b>Semester Total</b>	<b>16</b>
<b>Year 3</b>			
<i>Fall 2023 Semester</i>		<i>Spring 2024 Semester</i>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
PHY306 Mechanics 1	3	PHY341 Observational Astronomy	3
PHY344 Extraterrestrial Life (Astronomy elective, by advisement)	3	PHY310 Modern Physics Lab or PHY324 Optics Lab for Astronomers	1
Writing Intensive course (upper div)	3	PHY308 Modern Physics 1	3
Diversity course	3	General Education course	6
General Education course	3	Upper-division elective	3
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>16</b>
<b>Year 4</b>			
<i>Fall 2024 Semester</i>		<i>Spring 2025 Semester</i>	
<b>Course</b>	<b>Credits</b>	<b>Course</b>	<b>Credits</b>
PHY345 Galaxies & Cosmology (Astronomy elective, by advisem't)	3	Upper-division electives	9
Electives	3	Electives	6
Upper-division electives	9		
<b>Semester Total</b>	<b>15</b>	<b>Semester Total</b>	<b>15</b>
<b>Total Credits: 121</b>			
*1 Not required (NR), but strongly recommended			
*2 NR if Foreign Language 1 was taken at intermediate level or above			