

# Physics - Astrophysics Major (BS) Four-Year Plan

## Physics, Astrophysics Major - Bachelor of Science 2021-22 Four-Year Plan

### Freshman

First Term	Hours	Second Term	Hours
ENGL 110C		3 MATH 212	4
MATH 211		4 PHYS 261N	4
CHEM 121N and CHEM 122N		4 PHYS 103N or PHYS 104N	4
Elective or Language & Culture I (May be waived; See requirement details)		3 Elective or Language & Culture II (May be waived; See requirement details)	0-3
		<b>14</b>	<b>12-15</b>

### Sophomore

First Term	Hours	Second Term	Hours
ENGL 211C or ENGL 231C (Grade of C or better required)		3 PHYS 319	3
MATH 312 or MATH 285		4 CS 150	4
PHYS 262N		4 MATH 307 or MATH 280	3
Information Literacy and Research: CS 120G or CS 121G or OEAS 130G		3 PHYS 120 or PHYS 309*	1
Oral Communication		3 Human Creativity	3
		Interpreting the Past	3
		<b>17</b>	<b>17</b>

### Junior

First Term	Hours	Second Term	Hours
PHYS 355		3 ASTP 313*	3
PHYS 303		3 PHYS 413, PHYS 453, or PHYS 456*	3
PHYS 323		3 PHYS 499W or PHYS 489W & PHYS 490W* (Grade of C or better required)	3
PHYS 425		3 MATH 316 or MATH 401 or MATH 421 or MATH 422	3

Literature		3 Human Behavior	3
		<b>15</b>	<b>15</b>
<b>Senior</b>			
<b>First Term</b>	<b>Hours</b>	<b>Second Term</b>	<b>Hours</b>
PHYS 452		3 PHYS 413, PHYS 453, or PHYS 456	3
PHYS 420		3 PHYS 454	3
ASTP 414		3 Philosophy and Ethics	3
Impact of Technology		3 ASTP 495	3
Upper-Division General Education Course (Option D)*		3 Upper-Division General Education Course (Option D)*	3
		<b>15</b>	<b>15</b>

**Total credit hours: 120-123**

\*The four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as a guide. For more information, contact the advisor.