

Physics, with a concentration/emphasis in Astronomy.

All concentrations/emphasis areas are 24 hours in total. The required hours for the concentration or emphasis area are listed in the top section. The student can choose from the list of courses in the second and third sections to complete the 24 hour requirement.

Physics B.S. with a concentration in Astronomy		
AST 1001	Int Ast I	4
AST 1002	Int Ast II	4
AST 2001	Observational	3
plus a choice of 1 of 2 options		6
Used from 24 hours		17
Leftover		7
Option I		
AST 3100	Astrophys	3
MAT 3130	Diff Eq	3
Option II		
AST 3001	Photom	3
AST 3002	Spec	3
Choose the remaining 7 hours for option 1:		
AST 2300	Public Outreach	1
AST 3001	Photom	3
AST 3002	Spec	3
AST 3120	Exoplanets	3
AST 3130	Binaries	3
AST 3140	Star Form	3
AST 3150	Computational Astronomy	3
PHY 3001	Analytical Meth	3
PHY 3010	Classical I	3
PHY 3020	EM	3
PHY 3230	Thermal	3
PHY 4020	Comp Phys	3
PHY 4640	Quantum	3
CS 2435	Intro to Scientific Programming	4

Choose the remaining 7 hours for option 2:		
AST 2300	Public Outreach	1
AST 3120	Exoplanets	3
AST 3130	Binaries	3
AST 3140	Star Form	3
AST 3150	Computational Astronomy	3
PHY 2700	Computer Interfacing	3
PHY 3030	EM Waves and Optics	3
PHY 4020	Comp Phys	3
PHY 4330	Digital	4
PHY 4730	Analog	4
CS 2435	Intro to Scientific Programming	4