

“W” Number: _____
 Student Name: _____
 Advisor Name: _____

Catalog: 2021-2022 University of Wyoming Catalog
 Program: Astronomy and Astrophysics, B.S.

Astronomy and Astrophysics, B.S.

The Bachelor of Science degree in astronomy and astrophysics is administered by the Department of Physics and Astronomy faculty. Please see the Physics and Astronomy listing in this *Catalog* for more information.

Requirements

Students in the Bachelor of Science in Astronomy major program are required to complete the following courses:

Course Name	Credits:	Term Taken	Grade	Gen Ed
ASTR1050 - Survey of Astronomy	Credits: 4			
ASTR2310 - General Astronomy I	Credits: 4			
ASTR2320 - General Astronomy II	Credits: 4			
ASTR4610 - Introduction to Astrophysics	Credits: 3			
PHYS1210 - Engineering Physics I	Credits: 4			
OR				
PHYS1310 - College Physics I	Credits: 4			
PHYS1220 - Engineering Physics II	Credits: 4			
OR				
PHYS1320 - College Physics II	Credits: 4			
PHYS2310 - Physics III: Waves and Optics	Credits: 4			
PHYS2320 - Physics IV: Modern Physics	Credits: 3			
PHYS3000 - Methods of Physics	Credits: 4			
PHYS3640 - Modern Electronics and Experimental Techniques	Credits: 4			
PHYS3650 - Advanced Lab in Modern Physics and Electronics	Credits: 4			
PHYS4210 - Classical Mechanics I	Credits: 3			
PHYS4310 - Quantum Mechanics	Credits: 3			
PHYS4410 - Electricity and Magnetism I	Credits: 3			
PHYS4420 - Electricity and Magnetism II	Credits: 3			
PHYS4510 - Thermodynamics and Statistical Mechanics	Credits: 3			
PHYS4840 - Mathematical and Computational Physics II	Credits: 4			
MATH2200 - Calculus I	Credits: 4			
MATH2205 - Calculus II	Credits: 4			
MATH2210 - Calculus III	Credits: 4			
MATH2250 - Elementary Linear Algebra	Credits: 3			
MATH2310 - Applied Differential Equations I	Credits: 3			

Notes: