

# ASTRONOMY BS REQUIREMENTS CHECKLIST

FRESHMAN-FALL	s.h.	FRESHMAN-SPRING	s.h.
<input type="checkbox"/> Introductory Astronomy I (ASTR:1771)	4	<input type="checkbox"/> Introductory Astronomy II (ASTR:1772)	4
<input type="checkbox"/> Physics I (PHYS:1701)	4	<input type="checkbox"/> Physics II (PHYS:1702)	4
<input type="checkbox"/> Calculus I* (MATH:1850)	4	<input type="checkbox"/> Calculus II (MATH:1860)	4

\*Enrollment in math courses requires completion of a placement exam.

SOPHOMORE-FALL	s.h.	SOPHOMORE-SPRING	s.h.
<input type="checkbox"/> Physics III (PHYS:2703)	4	<input type="checkbox"/> Physics IV (PHYS:2704)	4
<input type="checkbox"/> Intro to Linear Algebra (MATH:2700)	4	<input type="checkbox"/> Calculus III (MATH:2850)	4

JUNIOR-FALL	s.h.	JUNIOR-SPRING	s.h.
<input type="checkbox"/> Intro to Astrophysics I* (ASTR:3771)	3	<input type="checkbox"/> Intro to Astrophysics II* (ASTR:3772)	3
<input type="checkbox"/> Electricity & Magnetism I (PHYS:3811)	3	<input type="checkbox"/> Intermediate Mechanics (PHYS:3710)	3
<input type="checkbox"/> Intermediate Laboratory (PHYS:3756) or Electronics (PHYS:3850 – 4 s.h.)	3	<input type="checkbox"/> Electricity & Magnetism II (PHYS:3812)	3

\* These courses are offered every other year - ASTR:3771 [even-years only], ASTR:3772 [odd-years only]. Check MyUI for course availability since offerings are subject to change

SENIOR-FALL	s.h.	SENIOR-SPRING	s.h.
<input type="checkbox"/> Astronomical Laboratory* (ASTR:4850)	3	<input type="checkbox"/> Intro to Quantum Mechanics II (PHYS:3742) or Plasma Physics I (PHYS:4731 – 3 s.h.)	3
<input type="checkbox"/> Intro to Quantum Mechanics I PHYS:3741	3		

\* This course is offered every other year - ASTR:4850 [odd-years only]. Check MyUI for course availability since offerings are subject to change

### GEs Not Satisfied By Physics Major

<input type="checkbox"/> Diversity and inclusion	3 s.h.	<input type="checkbox"/> Social Sciences	3 s.h
<input type="checkbox"/> Interpretation of Literature	3 s.h.	<input type="checkbox"/> Historical Perspectives	3 s.h
<input type="checkbox"/> Rethoric	3 s.h.	<input type="checkbox"/> International and Global Issues	3 s.h
<input type="checkbox"/> World Languages	0-20 s.h.*	<input type="checkbox"/> Literary, Visual and Performing Arts	3 s.h
<input type="checkbox"/> Sustainability	**	<input type="checkbox"/> Values and Culture	3 s.h

\*Requirements vary by language

\*\*Minimum of one course from the next two categories that integrates sustainability (0 s.h.). A single course may satisfy both the Sustainability requirement as well as another Core Area in either Natural, Quantitative, and Social Sciences or Culture, Society, and the Arts.