PHYSICS AND ASTRONOMY BA DEGREE

Suggested Schedule for Freshman Start

	Fall		Spring	
Freshman	MATH-112 PHYS-151 *PHYS-116*	Calculus II Physics I *Intro Astro. should happen at some point in first two years*	MATH-211 PHYS-152	Multivariable Calculus Physics II
Sophomore	MATH-212 PHYS-253	Differential Equations Modern Physics	PHYS-212	Computational Modeling
Junior	PHYS-???	Core Theory Course*	PHYS-311/312	Astrophysics
Senior	PHYS-444	Adv. Undergrad Lab.		

Note: These are merely suggested, sample schedules. And more tailoring to your individual situation is possible too…please feel free to reach out to your advisor and/or the physics department's Director of Undergraduate Studies.
Be mindful that most core physics courses are only offered once per year (either always in Fall or always in Spring). Electives can switch around year to year, and PHYS-444 is often offered both in Fall and Spring.

Suggested Schedule for Sophomore Start

	Fall		Spring	
Freshman	MATH-111 *PHYS-116*	Calculus I *Intro Astro. should happen at some point in first two years*	MATH-112	Calculus II
Sophomore	PHYS-151 MATH-211	Physics I Multivariable Calculus	PHYS-152 PHYS-212	Physics II Computational Modeling
Junior	MATH-212 PHYS-253	Differential Equations Modern Physics	PHYS-311/312	Astrophysics
Senior	PHYS-??? PHYS-444	Core Theory Course* Adv. Undergrad Lab		

Schedule for Junior Start (First two years at Oxford or elsewhere)

Note: PHYS 151, 152, 253, and 212 are all offered at Oxford (as are MATH 111, 112, 211, and 212) and could be completed in a student's freshman and sophomore years there.

	Fall		Spring	
Freshman	MATH-111 *PHYS-116*	Calculus I *Intro Astro. should happen at some point in first two years*	MATH-112	Calculus II
Sophomore	PHYS-151 MATH-211	Physics I Multivariable Calculus	PHYS-152 MATH-212	Physics II Differential Equations
Junior	PHYS-253	Modern Physics	PHYS-212	Computational Modeling
Senior	PHYS-??? PHYS-444	Core Theory Course* Adv. Undergrad Lab.	PHYS-311/312	Astrophysics

*The Core Theory Course is PHYS 361 (Fall), PHYS 365 (Spring), PHYS 421 (Fall), or PHYS 461 (Spring); adjust the schedule according to the semester of the course you choose. Note that PHYS 361 is the only one of those four that does not require PHYS 220 (Math Methods…a Fall class) as pre-requisite.