

# PHYSICS, B.S.

## FOUR-YEAR PLAN

### SAMPLE FOUR-YEAR PLAN

This Sample Four-Year Plan is a tool to assist students and their advisor(s). Students should use it—along with their DARS report, the Degree Planner, and Course Search & Enroll tools—to make their own four-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests. As students become involved in athletics, honors, research, student organizations, study abroad, volunteer experiences, and/or work, they might adjust the order of their courses to accommodate these experiences. Students will likely revise their own four-year plan several times during college.

Students should arrange a meeting with a departmental advisor as soon as they are even thinking about a physics major. It is important to get major advising as early as possible.

This is one of many paths through the physics major. For other possibilities and details on math preparation and sequence of courses, see the Advising and Careers page (<https://guide.wisc.edu/undergraduate/letters-science/physics/physics-bs/#advisingandcareerstext>).

#### First Year

Fall	Credits	Spring	Credits
PHYSICS 247 (Physics First Introductory Course)	5	PHYSICS 248 (Physics Second Introductory Course)	5
MATH 234	4	MATH 319	3
Communication A	3	MATH 340	3
Foreign Language (if needed)	4	Ethnic Studies	3
	<b>16</b>		<b>14</b>

#### Second Year

Fall	Credits	Spring	Credits
PHYSICS 249 (Physics Third Introductory Course)	4	PHYSICS 301	1
PHYSICS 311 (Mechanics)	3	PHYSICS 307 (Laboratory)	2
MATH 321	3	PHYSICS 322	3
Social Science Breadth	3	MATH 322	3
INTER-LS 210	1	Biological Science Breadth	3
		Social Science Breadth	3
	<b>14</b>		<b>15</b>

#### Third Year

Fall	Credits	Spring	Credits
PHYSICS 321	4	PHYSICS 407 (Laboratory)	2-4
PHYSICS 448 (Quantum Physics)	3	PHYSICS 415 (Thermal Physics)	3
Communication B	3-4	PHYSICS 449	3

Humanities Breadth	3	Humanities Breadth	3
Social Science Breadth	3	Social Science Breadth	3
	<b>16</b>		<b>14</b>

#### Fourth Year

Fall	Credits	Spring	Credits
Literature Breadth	3	Literature Breadth	3
Electives	12	Electives	13
	<b>15</b>		<b>16</b>

**Total Credits 120**