

# PHYSICS, BA

## FOUR-YEAR PLAN

|                            |                          |           |
|----------------------------|--------------------------|-----------|
| Social Science Breadth     | 3 Literature Breadth     | 3         |
| Humanities Breadth         | 3 Humanities Breadth     | 3         |
| Biological Science Breadth | 3 Social Science Breadth | 3         |
|                            | <b>15</b>                | <b>15</b> |

**Total Credits 120**

## 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.

### Departmental Expectations

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   |
|------------------------------|--------------------------------|-----------|
| MATH 222                     | 4 PHYSICS 247                  | 5         |
| COMP SCI 220                 | 4 MATH 234                     | 4         |
| Communication A              | 3 Ethnic Studies               | 3         |
| Foreign Language (if needed) | 4 Foreign Language (if needed) | 4         |
|                              | <b>15</b>                      | <b>16</b> |

### Second Year

| Fall               | Credits Spring       | Credits   |
|--------------------|----------------------|-----------|
| PHYSICS 248        | 5 PHYSICS 249        | 4         |
| MATH 319           | 3 PHYSICS 311        | 3         |
| MATH 340           | 3 PHYSICS 301        | 1         |
| INTER-LS 210       | 1 MATH 321           | 3         |
| Humanities Breadth | 3 Literature Breadth | 3         |
|                    | <b>15</b>            | <b>14</b> |

### Third Year

| Fall                   | Credits Spring                 | Credits   |
|------------------------|--------------------------------|-----------|
| PHYSICS 307            | 2 Physics Lab Course           | 4         |
| PHYSICS 322            | 3 Physics Elective             | 3         |
| MATH 322               | 3 Humanities Breadth           | 3         |
| Social Science Breadth | 3 Social Science Breadth       | 3         |
| Communication B        | 3-4 Biological Science Breadth | 3         |
|                        | <b>14</b>                      | <b>16</b> |

### Fourth Year

| Fall             | Credits Spring | Credits |
|------------------|----------------|---------|
| PHYSICS 448      | 3 PHYSICS 449  | 3       |
| Physics Elective | 3 PHYSICS 415  | 3       |