Name:_____ Date:_____

# Bachelor of Science in Physics

*A Suggested Sequence of Required Courses (2009-2010 Catalog)*

## Freshman Year

| Fall | | | Spring | | |
|---|---|---|---|---|---|
| _____ | 0 | Chapel (CHA 1088) | _____ | 0 | Chapel (CHA 1088) |
| _____ | 3 | ENG 1302 or FAS 1302 | _____ | 3 | History/Social Science (see reverse) |
| _____ | 3-4 | Foreign Language 1401/1412 (see reverse) | _____ | 3-4 | Foreign Language 1402/2310 (see reverse) |
| _____ | 3 | MTH 1321 (*if eligible* ) | _____ | 3 | MTH 1322 |
| _____ | 4 | **PHY 1420** | _____ | 3 | CHE (1301 recommended) |
| | | | _____ | 4 | **PHY 1430** |
| Total: | 13-14 | | Total: | 16-17 | |

## Sophomore Year

| Fall | | | Spring | | |
|---|---|---|---|---|---|
| _____ | 3 | Foreign Language 2310 (see reverse) | _____ | 3 | ENG 2301 or ENG 2304/2306/GTX |
| _____ | 1 | Human Performance | _____ | 1 | Foreign Language 2320 (see reverse) |
| _____ | 4 | CSI (1430 recommended) | _____ | 3 | Human Performance |
| _____ | 3 | MTH 2311 | _____ | 3 | MTH 3325 |
| _____ | 3 | MTH 2321 | _____ | 1 | **PHY 2135** |
| _____ | 3 | **PHY 2350** | _____ | 3 | **PHY 2360** |
| Total: | 17 | | Total: | 14 | |

## Junior Year

| Fall | | | Spring | | |
|---|---|---|---|---|---|
| _____ | 3 | ENG 2301 or ENG 2304/2306/GTX | _____ | 3 | ENG 3300 (see below) |
| _____ | 3 | REL 1310 | _____ | 3 | REL 1350 |
| _____ | 3 | MTH 3326 | _____ | 3 | MTH/Science (see below) |
| _____ | 1 | **PHY 3175** | _____ | 1 | Human Performance |
| _____ | 3 | **PHY 3320** | _____ | 1 | **PHY 3176** |
| _____ | 3 | **PHY 3372** | _____ | 3 | **PHY 3330** |
| | | | _____ | 3 | **PHY 3373** |
| Total: | 16 | | Total: | 17 | |

## Senior Year

| Fall | | | Spring | | |
|---|---|---|---|---|---|
| _____ | 1 | **PHY 4195** | _____ | 1 | **PHY 4196** |
| _____ | 3 | **PHY 4340** | _____ | 3 | **PHY 4322** |
| _____ | 3 | **PHY 4372 or 4373 or 4374** | _____ | 3 | **PHY 4372 or 4373 or 4374** |
| _____ | 0 | **PHY 4001** | _____ | 3 | Elective (Variable depending on hours) |
| _____ | 3 | MTH/Science (see below) | _____ | 3 | MTH/Science (see below) |
| _____ | 3 | PSC 2302 | _____ | 3 | History/Social Science (see reverse) |
| _____ | 1 | Human Performance | | | |
| Total: | 14 | | Total: | 16 | |

*All students must graduate with a minimum of 124 hours, 36 of which must be at the 3000/4000 level.*

**Notes about major requirements:**

- MTH/Science requirement - Complete 9 hours from: BIO, CHE, CSI, GEO, MTH or STA. Some of these hours may need to be advanced level courses to fulfill the 3000-4000 level course requirement.
- English requirement: It is recommended that science majors take ENG 3300 their junior year rather than ENG 1304. Students may also take FAS 1118, 1128, and 1138 instead of ENG 1304.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.

**Please see reverse side for important information on general requirements.**

**Notes about General Requirements:**

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health), and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see your undergraduate catalog.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

**History/Social Science (choose 2 courses from the following areas - 6 hours):**

- Anthropology, Economics, History, Honors, Philosophy, Political Science, Psychology, Sociology, GEOG 1300, FAS 1303, 1304 or 1305, or 3 courses from FAS 1115, 1125, 1135.
- Check your major to determine if special courses are needed.

**Foreign Language:**

- **Option A:** One modern language through 2320 level:
  Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Swahili, Thai
- **Option B:** One classical language through 2320 level or two classical through 1302 level:
  Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)

*Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

**Math & Science:** You must complete a minimum of 34 hours of math and science courses. See the undergraduate catalog for a more detailed explanation.

**Fine Arts:** None required for this degree.