

**PHYSICS and ASTRONOMY – Geophysical Option - BA (120 hours)**  
**Effective 2012-2013**

|            |           |   |
|------------|-----------|---|
| NAME _____ | PID _____ | Optional 2 <sup>nd</sup> Major or Minor _____ |
|------------|-----------|---|

**FOUNDATIONS**

| English Comp. and Rhetoric | Foreign Language* HSFL(s) _____ | Quant. Reas. (QR)    | Lifetime Fitness (LFIT)           |
|----------------------------|---------------------------------|----------------------|-----------------------------------|
| ENGL 105 _____             | 1. _____<br>2. _____            | 3. _____<br>4. _____ | MATH 231 (#) _____<br><br>(1 hr.) |

\* Through Level 3

**APPROACHES**

| Phys. and Life Sciences (PL/PX) | Social and Behavioral Sciences **  | Humanities/Fine Arts                                     |
|---------------------------------|--|--|
| PHYS 116# _____                 | Hist. Analysis (HS): _____   | Vis. & Perf. Arts (VP): _____                            |
| PHYS 117# _____                 | Soc. Sci./Hist. Analysis (SS/HS): _____<br>Soc. Sci./Hist. Analysis (SS/HS): _____ | Literary Arts (LA): _____<br>Phil. Reasoning (PH): _____ |

\*\* From at least two departments

**CONNECTIONS**

| Communication Int. (CI) | Quant. Int. (QI) or 2nd Quant. Reas. (QR) | Experiential Ed. (EE)  | Global Issues (GL) |
|-------------------------|---|------------------------|--------------------|
|                         | MATH 232 _____                            |                        |                    |
| US Diversity (US)       | North Atlantic World (NA)                 | World before 1750 (WB) | Beyond the NA (BN) |
|                         |   |                        |                    |

**SUPPLEMENTAL EDUCATION** Cannot be a course from the major department or any course used to satisfy major requirements. May only double with Connections. A second major or minor, once completed, meets Supplemental Ed. **Courses must be 3 hours or more.**

|               |               |               |
|---------------|---------------|---------------|
| 1. >199 _____ | 2. >199 _____ | 3. >199 _____ |
|---------------|---------------|---------------|

**MAJOR/MINOR/ELECTIVES**

| Additional Requirements                          | PHYSICS ♦<br>Core Requirements (6 courses) | Optional Minor | Electives<br>to reach 120 hrs |
|--|--|----------------|-------------------------------|
| MATH 231(#) _____<br>CHEM 102/102L(#) _____/____ | PHYS 201 or 301(#) _____                   |                |                               |
| MATH 232(#) _____<br>PHYS 116(#) _____           | PHYS 211 or 311 _____                      |                |                               |
| MATH 233(#) _____<br>PHYS 117(#) _____           | PHYS >200 _____                            |                |                               |
| MATH 383 _____<br>PHYS 128/L _____/____          | PHYS >200 _____                            |                |                               |
| CHEM 101/101L(#) _____/____                      | (##) _____                                 |                |                               |
|  | (##) _____                                 |                |                               |

(#) Should ideally be taken prior to the Junior year. Consult the suggested course of study

♦ 18 hours ≥ C (not C-) required in Core Requirements. No more than 45 hours of PHYS courses will count toward the degree.

Substitutions for required physics courses require approval of the Director of Undergraduate Studies.

(##) Two courses selected from GEOL 515 and 518 and PHYS 422 and 660

| <b>This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps</b>   |   |   |   |
|---|---|---|---|
| Date/Advisor  | Date/Advisor  | Date/Advisor  | Date/Advisor  |
| Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major 1 (hrs C ____ ) _____<br>____ Major /minor (hrs C ____ ) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major 1 (hrs C ____ ) _____<br>____ Major /minor (hrs C ____ ) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major 1 (hrs C ____ ) _____<br>____ Major /minor (hrs C ____ ) _____<br>____ Other _____ | Remaining courses after this term:<br>____ Foundations _____<br>____ Approaches _____<br>____ Connections _____<br>____ Supplemental _____<br>____ Major 1 (hrs C ____ ) _____<br>____ Major /minor (hrs C ____ ) _____<br>____ Other _____ |
| -----<br>Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____   | -----<br>Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____   | -----<br>Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____   | -----<br>Hrs to date: _____<br>Hrs. in progress: _____<br>Total after this term: _____<br>- 2x/HSFL/>24 _____<br>Hrs remaining to grad _____<br>Semesters Left: _____   |