

Date: _____

Name: _____

BenU ID #: _____ Semester of Entry: _____

Transfer Rules 2014-2015 Academic Year

Bachelor of Science in Physics

Biological Physics

Inquiry Curriculum Requirements | A Liberal Arts Curriculum

Basic Skills | Grade of "C" or better required. **12**

| COLLEGE | COURSE | CR | GR |
|---------|---|--------|----|
| | WRIT S101 Writing Colloquium | 3 | |
| | WRIT S102 Research Writing | 3 | |
| | SPCH S110 Basic Speech | 3 | |
| | MATH S105 Finite Math or MATH S110 College Algebra | 3 3 | |

Interdisciplinary Seminars | Must be completed at BenU. **6**

| COLLEGE | COURSE | CR | GR |
|---------|---|----|----|
| BenU | IDS 201 Catholic and Benedictine Intellectual Traditions (WI) | 3 | |
| BenU | IDS 301 Human Dignity or The Common Good | 3 | |

Modes of Inquiry (MI) | Scholars Program students please refer to specific checklist for requirements.

| COLLEGE | COURSE | CR | GR |
|---------|--------|----|----|
|---------|--------|----|----|

| Arts and Humanities **15**

Transfer students must complete 15 semester credit hours in at least four of the required MI in this area, one of which must be Religions/Theological (QRT).

| | | | |
|--|-----------------------------|--|--|
| | Religions/Theological (QRT) | | |
| | Philosophical (QPL) | | |
| | Historical (QHT) | | |
| | Literary/Rhetorical (QLR) | | |
| | Artistic/Creative (QCA) | | |

| Natural Sciences **9**

Transfer students must complete 9 semester credit hours in at least two of the required MI in this area, including at least one Life-Scientific (QLS) and one Physical-Scientific (QPS).

| | | | |
|--------------------|--|---|---|
| Satisfied by Major | Life-Scientific (QLS) | — | — |
| Satisfied by Major | Physical-Scientific (QPS) | — | — |
| Satisfied by Major | Computational, Math and Analytical (QCM) | — | — |

| Social Sciences I and II **6**

Transfer students must complete 6 semester credit hours, three in each of the required MI.

| | | | |
|--|---|--|--|
| | Individuals/Organizations/Societies (QIO) | | |
| | Political/Global/Economic Systems (QPE) | | |

Cocurricular | Requirements may be met through MI or major courses.

| Course or Experience | | | |
|----------------------|---------|-------------------------------------|------------------------|
| | | <input type="checkbox"/> | Global Designation (G) |
| | | <input type="checkbox"/> | Sustainability (S) |
| BenU | IDS 201 | <input checked="" type="checkbox"/> | Writing Intensive (WI) |
| BenU | TBD | <input checked="" type="checkbox"/> | Writing Intensive (WI) |
| | | <input type="checkbox"/> | Writing Intensive (WI) |

Notes | All Undergraduate Degree Programs

GRADUATION REQUIREMENT: Students must submit a total of 120 semester credit hours (with a minimum GPA of 2.0 from Benedictine University courses) of which 45 semester credit hours, including 12 semester credit hours at the 200 level or above in their major field, must be from Benedictine University.

INQUIRY CURRICULUM REQUIREMENTS: Remaining MI courses must be chosen from classes labeled with appropriate designation in catalog or course schedule. Some MI requirements are satisfied by major requirements. Substitutions are not allowed after entry.

Graduation Requirement | Min. Semester Credit Hours **120**

Major Requirements | Grade of "C" or better required. **64**

| COLLEGE | COURSE | CR | GR |
|---------|--|----|----|
| | MATH 210 Calculus for Physical Sci I ① | 5 | |
| | MATH 211 Calculus for Physical Sci II | 4 | |
| | MATH 212 Calculus for Physical Sci III | 4 | |
| | CHEM 113 General Chemistry I | 3 | |
| | CHEM 115 General Chemistry I Lab ③ | 1 | |
| | CHEM 123 General Chemistry II | 3 | |
| | CHEM 125 General Chemistry II Lab ③ | 1 | |
| | BIOL 197 Prin of Organismal Biology | 3 | |
| | BIOL 198 Principles of Biology | 3 | |
| | BIOL 199 Principles of Biology Lab | 1 | |
| | BIOL 250 Genetics | 3 | |
| | BIOL 251 Genetics Lab | 1 | |
| | PHYS 205 University Physics I Lab | 1 | |
| | PHYS 206 University Physics II Lab | 1 | |
| | PHYS 207 Modern Physics Lab | 1 | |
| | PHYS 211 University Physics I | 4 | |
| | PHYS 212 University Physics II | 4 | |
| | PHYS 213 Modern Physics | 3 | |
| | PHYS 313 Classical Thermodynamics | 3 | |
| | PHYS 315 Quantum & Stat Mechanics | 3 | |
| | PHYS 323 Biophysics with Lab | 4 | |
| | PHYS 398 Research | 2 | |
| | PHYS Elective 200 or 300 Level | 3 | |
| | PHYS Elective 300 Level ② | 3 | |

Major Specific Notes | Physics with Biological Physics Concentration

All major and cognate courses must be completed with a grade of "C" or better.

① MATH 210 may be replaced by taking both MATH 170 and MATH 200.

② Three semester credit hours at the 300 level in any of BIOL, BCHM, CHEM, MATH or PHYS.

③ Or NTSC 151 and NTSC 152.

