### BIOLOGY DEGREE REQUIREMENT CHECKLIST – 2011-2013  FROSTBURG STATE UNIVERSITY

**NAME:** ____________________  **PeopleSoft#** _____________  
**Minor** ______________   **Anticipated Graduation Date** ________________

#### BIOLOGY MAJOR (Total Hrs. Req. 70)

1. **Introductory Level Courses:** (8 hrs.)
   - BIOL.149 General Biology I (4) ______
   - BIOL.150 General Biology II (4) ______

2. **Advanced Level Courses:** (16 hrs.)
   - BIOL.304 Microbiology (4) ______
   - BIOL.310 Cell Biology (F) (4) ______
   - BIOL.340 General Ecology (4) ______
   - BIOL.350 Genetics (S) (3) ______
   - BIOL.496 Seminar in Biol. (Capstone) (1) ______

3. **Distribution Within Department (16 hrs.)**
   - Total of 4 courses in 3 groups; at least 1 in each group:
     - **Group I**
       - BIOL.302 Animal Physiology (4) ______
       - BIOL.303 Plant Physiology (S)
     - **Group II**
       - BIOL.411 Invertebrate Zoology (S) (4) ______
     - **Either**
       - BIOL.426 Vert. Zoology (S)
     - **Or**
       - BIOL.427 Comparative Anat.
     - **Group III**
       - BIOL.311 Morphology Fungi (F) (4) ______
       - BIOL.312 Morphology Plants (S) (4) ______

#### Required Courses in Other Depts.

**Chemistry:** (16 hrs.)
- CHEM 201 General Chemistry I (4) ______
- CHEM 202 General Chemistry II (4) ______
- CHEM 301 Organic Chemistry (F) (4) ______
- CHEM 302 Organic Chemistry (S) (4) ______

**Mathematics:** (6 hrs.)
- And One from:
  - MATH 102, 103, 120 or above 210 (3) ______

**Physics:** (8 hrs.)
- PHYS 215 General Physics I (F) (4) ______
- PHYS 216 General Physics II (S) (4) ______
- OR
- PHYS 261 Principles Of Physics I (F) (4) ______
- PHYS 262 Principles Of Physics II (S) (4) ______

#### CORE SKILLS: (MINIMUM OF 9 HRS.)

<table>
<thead>
<tr>
<th>“C” or Better Required</th>
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<tbody>
<tr>
<td>1. Intro Composition (3 Hrs.)</td>
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<tr>
<td>ENGL.101/111 Fresh Comp. (3) ______</td>
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<td>2. Advanced Writing: 1 of following (3 Hrs.)</td>
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<td>ENGL.300/308/309/310/312/330/338/339 (3) ______</td>
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<td>3. Mathematics (Met by major requirements)</td>
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#### MODES OF INQUIRY (31-32 Hrs.)

**A. Fine & Performing Arts (3 Hrs.)**
- ART 100/111 or ART 110 (3) ______
- DANC 110
- MUSC 110 or MUSC 117
- THEA 106 or THEA 107 (3) ______

**B. Humanities – Two of following (6 Hrs.)**
- HIST 100/111 (3) ______
- FREN 250 or SPAN 250 (3) ______
- ENGL 150/250 or 221 (3) ______
- PHIL 101/111 or PHIL 102 (3) ______

**C. Natural Sciences – At least two of following (7-8 Hrs.)**
- BIOL.149* (Met by Major requirements)
- PHYS.215or261* (Met by Major requirements)
- CHEM 201* (Met by major requirements and may use to satisfy part of E below)

**D. Social Sciences – Two of the following (6 Hrs.)**
- ECON 200 or 201/211 (3) ______
- GEOG 104/114 or GEOG 110 (3) ______
- POSC 110/112 or 113/114 or 131 (3) ______
- PSYC 150/151 (3) ______
- SOCI 100/111

**E. FSU Colloquia: Two courses (3-4 Hrs. each) 6 Hours**
- IDIS 150/151 OR IDIS/SUST 155–prior to attaining 45 Cr. Hrs. (required) (3) ______
- AND
- Select one course from:
  - IDIS 350/351–after attaining 45 Cr. Hrs.  OR
- One additional Modes of Inquiry course* (Met by major requirements (see “C” above)

**F. Identity & Difference – 1 of the following (3 Hrs.)**
- AAST 200 or 400
- ART 301 or 302
- GEOG 104/114, 110, or 427
- HIST 100/111, HIST 418, or HIST 436
- HLTH 125
- INST 150 or 200
- MDFL 111 or 301
- MUSC 117 or 250
- PHIL 308, 311, or 409
- POSC 131
- PSYC 220 or 325
- RECR 100
- SOCI 224 or SOCI 305/SOWK 305
- WMST 201

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F = Fall  
S = Spring  
O = Odd  
E = Even
Undergraduate Degree Requirements Bachelor of Science Degree

Candidates for the Bachelor of Science degree must meet all of the following requirements:
1. Completion of at least 120 semester hours of college credit.
2. Completion of the General Education Program.
3. Completion of all coursework taken at FSU with a cumulative GPA of at least 2.0.
4. Completion of a major with a cumulative grade point average of at least 2.0 in all courses taken in the major department (unless specifically excluded).
5. Completion of one of the following:
   a. 15 elective credits outside of General Education requirements and course work in the major department.
   b. An “interdisciplinary” major (one for which there is no “major department”).
   c. A minor.
   d. A second major.
   e. Secondary or P-12 teacher education certification.
6. Completion of at least 39 credits at the upper division (300-400) level.
7. Demonstration of technology fluency, defined as proficiency in the University-identified ten Basic Technology Skills, by completing one of the following:
   a. Passing the Test of Basic Information Technology Skills (meets requirement but you do not earn credit) — (BITS Test)
   b. Successfully completing COSC 100/110 with a grade of C or better.
   c. Successfully completing other Frostburg State University courses that provide instruction in the basic technology skills with a grade of C or better. Courses approved for students following this catalog include:
      o ART 207 Graphic Design
      o CHEM 304 Computational Techniques in Chemistry
      o COSC 101 The Discipline of Computer Science
      o EDUC 346, 447 and 448 Educational Technology Labs I, II and III. (All three one-credit courses must be completed, each with a grade of C or better)
      o GEOG 275 Fundamentals of Geographic Data Handling
      o MUSC 103 Theory II
      o NURS 404 Nursing Informatics
      You must meet all prerequisites for the course(s) selected.
8. Completion of at least 39 credits at the upper division (300-400) level.
9. Demonstration of technology fluency, defined as proficiency in the University-identified ten Basic Technology Skills, by completing one of the following:
   a. Passing the Test of Basic Information/Technology Skills (meets requirement but you do not earn credit) — (BITS Test)
   b. Successfully completing COSC 100/110 with a grade of C or better.
   c. Successfully completing other Frostburg State University courses that provide instruction in the basic technology skills with a grade of C or better. Courses approved for students following this catalog include:
      o ART 207 Graphic Design
      o CHEM 304 Computational Techniques in Chemistry
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      o GEOG 275 Fundamentals of Geographic Data Handling
      o MUSC 103 Theory II
      o NURS 404 Nursing Informatics
      You must meet all prerequisites for the course(s) selected.
10. Completion of all semester credit hours beyond 90 credits at Frostburg State University, except for up to seven credit hours following the stipulations in the policies concerning attendance at another institution.
11. Completion of all required professional education courses and requirements for students in teacher education programs.
12. Completion of all approved student outcomes assessment activities required by the University and the academic programs.
13. Completion of an application for diploma and graduation when student completes 70 credit hours (forms available in PAWS online).
14. Fulfillment of all financial obligations to the University.

Double-counting GEP Courses
• A particular course may be counted to meet only one General Education requirement.

Courses that count for both the General Education Program and major/minor requirements are noted in the major/minor descriptions. You can complete your degree in a shorter time by choosing GEP courses that match the requirements of the majors/minors that interest you.

Core Skills
• All Core Skills may be satisfied by examination.
• You are expected to take these courses during your first 30 hours, with the exception of the advanced composition course requirement.
• If you are placed in a required section of ENGL 101, ENGL 105 (Critical Reading), or DVMT 095 (Pre-Algebra Mathematics) based on your scores on University placement tests, you may not withdraw unless you are withdrawing from the University.
• Once you are enrolled in ENGL 101, Freshman Composition, you may drop the course only during the drop/add period of one week at the beginning of the semester (except for required developmental courses, which may not be dropped). Under unusual circumstances, the chair of the English department may approve exceptions. Poor performance would not normally constitute a basis for an exception.
• You must continue taking a course which satisfies the requirement each semester until you have passed it with a grade of C or better.

Modes of Inquiry
• In Group E, IDIS 150 (First-Year FSU colloquium) or IDIS/SUST 155 (Introduction to Sustainability Studies) is required. The selected course should be completed prior to earning 45 hours or soon after transfer, if applicable.
• Modes of Inquiry courses should ordinarily be completed in the first 90 hours.