2016-2017 INTEGRATED BIOLOGY TRACK COURSE PLANNING GUIDE AND CHECKLIST

For a B.S. degree in Biology at UAB, you must satisfactorily complete a minimum of 120 semester hours including the following:

**BIOLOGY** – minimum of 40 semester hours with a minimum Biology GPA of 2.0 in the following:

- **8 hours Introductory Biology I and II**
  - BY 123
  - BY 124

- **3 hours of Genetics:**
  - BY 120

One course from each of the following areas:

- **Ecology and Evolution**
  - (429, 435, 467, 470, or 474)

- **Organismal Biology**
  - (255, 256, 271, or 442)

- **Physiology and Development**
  - (314, 409, 410, 420, 440, 451, or 475)

- **Cellular/Molecular Biology**
  - (311, 330, 434, 437, or 469)

- **Capstone Requirement**
  - (490, 491, 492, or 493)

**Plus** additional biology courses to total 40 hours (usually 10-12 hours). Also, at least 9 hours of the major must be at the 400-level. These courses may be chosen from the courses that are listed above or other selected biology courses from the course catalog **except** BY 101, 102, 107, 108, 111, 112, 116, or 261. These courses **will not** count toward the biology electives.

**Additional:**

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**CHEMISTRY** –

<table>
<thead>
<tr>
<th>General Chemistry</th>
<th>Organic Chemistry</th>
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<tr>
<td>CH 115 ___</td>
<td>CH 235 ___</td>
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<tr>
<td>116(lab) ___</td>
<td>236(lab) ___</td>
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<tr>
<td>CH 117 ___</td>
<td>CH 237 ___</td>
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<tr>
<td>118(lab) ___</td>
<td>238(lab) ___</td>
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MATHEMATICS – Results of math placement test determines initial math course (MA 098, 102, 105, etc.). These mandatory pre-requisite Math courses will be counted as general electives.

- MA 125 ___

**PHYSICS** – Complete *either* trig-based physics OR calculus-based physics series:

- PH 201 ___
- PH 202 ___
- or
- PH 221 ___
- PH 222 ___
UNIVERSITY CORE CURRICULUM

AREA I. English Composition (6 hours)
   EH 101__________
   EH 102__________

AREA II. Humanities and Fine Arts (12 hrs)
   1 Literature *: EH 216, 217, 218, 221, 222, 223, 224;
   1 Arts: ARH 101, 203,204,206, MU 120, THR 100,105, 200
   2 from: lit, arts, for lang., speech, phil., etc. from the
   AGSC approved list, see www.uab.edu/catalogs
   *EH ____________
   *ARTS ____________
   *PHL ____________

* Must complete PHL 115 or PHL 116

AREA III. Science and Mathematics (this area is covered by your major)

AREA IV. History, Social & Behavioral Sciences (12 hrs)
   HY ____________
   1–2 History *: HY 101, 102, 104, 105, 120, 121,
   2–3 from AGSC approved list in areas of
   anth, econ, geog, poli sci, psych, soc, etc. from the
   AGSC approved list; see www.uab.edu/catalogs

*NOTE: Students must complete a 6 semester hour sequence in either literature or history.

GENERAL ELECTIVES – Additional courses (usually 12–27 hrs) complete the minimum semester hours for degree.

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TOTAL SEMESTER HOURS FOR DEGREE: 120
MINIMUM OVERALL GPA: 2.0

UPDATED: 4/28/2016