

**DEGREE CHECKLIST (College of Arts and Sciences)**

**2020-2021 Catalog**

**NAME**

**ID#**

**MAJOR B.S. — BIOLOGY (Concentration in Conservation)**

**GENERAL EDUCATION REQUIREMENTS (32-36 semester hours)**

**MAJOR COURSES (64-65 semester hours)**

|   | Check | Hrs. | Course & No.      | Hrs.    | Check | Course & No.  | Hrs.    | Check |
|---|-------|------|-------------------|---------|-------|---|---------|-------|
| ACAD 101 (Required of first-time freshmen only)                                 | _____ | 1    | BIOL 202          | ( 0 )   | _____ | B) BIOL _____   | ( 3-4 ) | _____ |
| <b>Writing and Critical Thinking:</b>   |       |      | BIOL 220          | ( 3 )   | _____ | C) BIOL _____   | ( 3-4 ) | _____ |
| WRIT 101 (grade of C- or better is required)                                    | _____ | 3    | BIOL 222 or 270   | ( 1 )   | _____ | One course from area A, B, or C:                          |         |       |
| HMXP 102 (grade of C- or better in WRIT 101 is required)                        | _____ | 3    | BIOL 221          | ( 3 )   | _____ | BIOL _____  | ( 3-4 ) | _____ |
| CRTW 201 (grade of C- or better in HMXP 102 is required)                        | _____ | 3    | BIOL 223 or 271   | ( 1 )   | _____ | D) _____  | ( )     | _____ |
| <b>Oral Communication</b> (met in major with BIOL 480)                          |       | 0    | BIOL 300          | ( 4 )   | _____ | D) _____  | ( )     | _____ |
| <b>Technology</b> (met in major with BIOL 300 & 480)                            |       | 0    | BIOL 316 or 317   | ( 3-4 ) | _____ | E) _____  | ( )     | _____ |
| <b>Intensive Writing</b> (met in major with BIOL 300)                           |       | 0    | BIOL 480          | ( 3 )   | _____ | E) _____  | ( )     | _____ |
| <b>Constitution Requirement</b> (see approved list; may be met by other req.)   |       | 0-3  | BIOL 491          | ( 0 )   | _____ | E) _____  | ( )     | _____ |
| _____   | _____ |      | BIOL 492          | ( 0 )   | _____ | E) _____  | ( )     | _____ |
| <b>Physical Activity</b> (see approved list)                                    |       | 1    | BIOL 513          | ( 3 )   | _____ | CHEM 105  | ( 4 )   | _____ |
| _____   | _____ |      | BIOL 551          | ( 3 )   | _____ | CHEM 108  | ( 2 )   | _____ |
| <b>Global Perspectives</b> (see approved list)                                  |       | 3    | BIOL 552 (A or B) | ( 3 )   | _____ | MATH* _____   | ( 3-4 ) | _____ |
| _____   | _____ |      | BIOL 403, 405,    | ( 3-4 ) | _____ | *MATH 101, 105, 141, 150, 151, 201, 341, or any MATH      |         |       |
| <b>Historical Perspectives</b> (see approved list)                              |       | 3    | 407, or 507       |         | _____ | course with 201 as the prerequisite (the MATH             |         |       |
| _____   | _____ |      |                   |         |       | course used for Quantitative Skills may not be used here) |         |       |
| <b>Social Science</b> (see approved list; must include 2 designators)           |       | 3    |                   |         |       |   |         |       |
| _____   | _____ |      |                   |         |       |   |         |       |
| <b>Humanities and Arts</b> (see approved list; must include 2 designators)      |       | 3    |                   |         |       |   |         |       |
| _____   | _____ |      |                   |         |       |   |         |       |
| <b>Quantitative Skills</b> (see approved list)                                  |       | 3-4  |                   |         |       |   |         |       |
| _____   | _____ |      |                   |         |       |   |         |       |
| <b>Natural Science</b> (met in major with BIOL 220/222 or 220/270 and CHEM 105) |       | 0    |                   |         |       |   |         |       |
| _____   | _____ |      |                   |         |       |   |         |       |
| <b>FOREIGN LANGUAGE (3-8 semester hours)</b>                                    |       | 3-4  |                   |         |       |   |         |       |
| _____   | _____ |      |                   |         |       |   |         |       |
| _____   | _____ | 0-4  |                   |         |       |   |         |       |
| 102-level proficiency required  |       |      |                   |         |       |   |         |       |

**Biology Areas and Electives**

**A. Ecology and Evolution:** BIOL 302, 314, 323, 403, 405, 407, or 507

**B. Cell and Molecular Biology (select one course):** BIOL 315, 321, 422, 519, 522, 528, 529, 539, 555, 560

**C. Biodiversity and Organismal Biology (select one course):** BIOL 303, 304, 309, 310, 505, 508, 510, 511, 518, 524, 525, 526

**D. Select additional courses to total 42 hours in BIOL from the above lists and from the following:** BIOL 307, 308, 440, 450H, 461, 463, 471, 530, 540, 570

**E. Math and Science Electives (11 additional hrs):** Must be chosen from MATH 101, 105, 141, 150, 151, 201, 341, or any MATH course with 201 as the prerequisite (the MATH course used to Quantitative Skills may not be counted here); CHEM (104 or any course above 199 except 461, 462, or 463); PHYS (except 101/102); GEOL; GEOG 305, 308, 320, 501 (only one may be applied toward credit in the major); and QMTH 205, 206 (if MATH 141 not selected).

**ELECTIVES (11-21 semester hours)**

|       |     |       |       |     |       |
|-------|-----|-------|-------|-----|-------|
| _____ | ( ) | _____ | _____ | ( ) | _____ |
| _____ | ( ) | _____ | _____ | ( ) | _____ |
| _____ | ( ) | _____ | _____ | ( ) | _____ |
| _____ | ( ) | _____ | _____ | ( ) | _____ |

- NOTES**
1. Unless stated otherwise, a single course **may not** be used for more than one General Education requirement or in a major and a minor.
  2. All Arts and Sciences majors require a minimum of 40 hours in courses numbered above 299.
  3. Attendance at three cultural events is required for each 20 hours completed in residence at Winthrop. Note exceptions in the undergraduate catalog.
  4. Designators that differ only for the purpose of theory and application will be considered the same designator.
  5. Complete WRIT 101, HMXP 102 and CRTW 201 with a C- or better by 75 hours.