

# College of Arts and Sciences Advising Worksheet

# BIOLOGY BA/BS- STEP

**GENERAL EDUCATION REQUIREMENT** – requires one course of 3 or more credits in each area and a minimum total of 40 credits. See catalog for list of approved courses.

|  | Transfer | OU            | Status           | Credits |
|--|----------|---------------|------------------|---------|
| Arts   |          |               |                  |         |
| Foreign Language and Culture                       |          |               |                  |         |
| Global Perspective                                 |          |               |                  |         |
| Literature   |          |               |                  |         |
| Natural Science and Technology                     |          | BIO 1200      |                  |         |
| Formal Reasoning                                   |          | STA 2222      |                  |         |
| Social Science                                     |          |               |                  |         |
| Western Civilization                               |          |               |                  |         |
| Writing Foundations- Composition II (3.0 required) |          |               |                  |         |
| Knowledge Application (outside of major)           |          | PHY 1020/1520 |                  |         |
| <b>General Education Total Credits:</b>            | Required | Completed     | <b>REMAINING</b> |         |
|  | 40       | 0             | <b>40</b>        |         |

**IMPORTANT NOTES:**

A minimum GPA of 2.8 overall and 3.0 in major and minor/endorsement is required to apply to the Secondary Teacher Education Program (STEP). Biology STEP majors must also complete a teaching minor or endorsement to enter the STEP program.

No single major/minor course may be below a 2.0 grade. At least 16 credits in Biology courses must be completed at Oakland University.

2017-2018 Catalog (Since 2014)

Student Type:  Catalog:   
TEW:

**GENERAL EDUCATION THAT MAY BE DOUBLE-COUNTED**

(may be satisfied with courses that also satisfy other degree requirements)

|                             | Course          | Status      |
|-----------------------------|-----------------|-------------|
| U.S. Diversity              |                 |             |
| Writing Intensive in Gen Ed | Since Fall 2006 | SED 3000 DC |
| Writing Intensive in Major  | Since Fall 2006 | BIO 4970 DC |
| Capstone                    | Since Fall 2006 | BIO 4970 DC |

**COLLEGE EXPLORATORY REQUIREMENT** – is fulfilled by the required STEP minor or endorsement.

**MAJOR COURSES** – A minimum of 52 credits in BIO is required for the BS degree (42 for BA). Students must complete minimum of 10 BIO lecture courses and 5 BIO labs (9 lecture and 4 labs for BA).

BIO 1000, 1002, 1004, 1006, & 3000 may not count in the major.

|   | Course | Status | Credits |
|---|--------|--------|---------|
| BIO 1200  | 4      |        |         |
| BIO 1300  | 4      |        |         |
| BIO 1201  | 1      |        |         |
| BIO 3232 (BS) / BIO 3230 or 3232 (BA)                           | 4      |        |         |
| BIO 3400  | 4      |        |         |
| BIO 3340  | 4      |        |         |
| BIO 3130, 3210, 3500, 3620, or 4210                             | 4      |        |         |
| BIO 3312, 3320, 3322, 3330, 3332, 3334, 3350, 4320, 4330, 4333. | 3-5    |        |         |
| BIO elective above 1201   | 4      |        |         |
| BIO2600, 2640, 2650 (BIO elective prior to F15) (BS only)       | 4      |        |         |
| 4000-level BIO lecture(not 3920/4930/4932/4995/4970/4997)       | 4      |        |         |
| 4000-level BIO lecture (not any from list above) (BS only)      | 4      |        |         |
| BIO 4970  | 4      |        |         |
| BIO credits needed to reach 42 (BA) or 52 (BS) credits minimum: |        |        |         |

Remaining lecture and lab courses needed to reach minimum credits noted below. As a part of these, students must plan to satisfy 8 specific biology areas. See catalog for details. Cell Bio/Biochemistry, Ecology, Genetics, and Evolution are already satisfied with required courses above. Other areas may be covered with other requirements above if student selects certain courses.

|  |          |           |                  |   |
|--|----------|-----------|------------------|---|
| Physiology   | Y/N      |           |                  |   |
| Zoology  | Y/N      |           |                  |   |
| Botany   | Y/N      |           |                  |   |
| Microbiology   | Y/N      |           |                  |   |
| 3 (BA) or 4 (BS) add'l BIO lab courses are required. Starting Fall 2014, must all be at 3000 level or above. |          |           |                  |   |
|  | 1        | 2         | 3                | 4 |
| <b>Major Total Credits:</b>  | Required | Completed | <b>REMAINING</b> |   |
| <b>42 credits for BA, 52 credits for BS</b>  |          | 0         | <b>0</b>         |   |

**ADVISER NOTES:** BIO 3621 and BIO 4995 may only count toward one lab requirement.

**CREDIT SUMMARY AFTER:**

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>MINIMUM CREDITS REQUIRED:</b>    | <b>124</b>                    |
| OU credits completed                |                               |
| Transfer credits (on OU transcript) |                               |
| <b>TOTAL CREDITS</b>                | <b>0</b>                      |
| Pending OU and/or transfer          |                               |
| <b>TOTAL DEGREE CREDITS</b>         | <b>0</b>                      |
| <b>MINIMUM CREDITS NEEDED:</b>      | <b>124</b>                    |
| Date: <input type="text"/>          | Adviser: <input type="text"/> |

|                                 |  |
|---------------------------------|--|
| General Education               |  |
| Diversity                       |  |
| WIM/WIGE/Capstone               |  |
| Major                           |  |
| Corequisites                    |  |
| Minor or Endorsement            |  |
| STEP                            |  |
| <b>TOTAL CREDITS REMAINING:</b> |  |

**CO-REQUISITE COURSES**

|  | Course | Status | Credits |
|--|--------|--------|---------|
| Placement required   |        |        |         |
| MTH 1441   | 4      |        |         |
| MTH 1222/1554 (BS only)                                      | 4      |        |         |
| STA 2222   | 4      |        |         |
| CHM 1440 (157)   | 4      |        |         |
| CHM 1470   | 1      |        |         |
| CHM 1450 (158)   | 4      |        |         |
| CHM 1480   | 1      |        |         |
| CHM 2340   | 4      |        |         |
| CHM 2350 (BS only)   | 4      |        |         |
| CHM 2370 (BS only)   | 2      |        |         |
| PHY 1010 or 1510   | 4      |        |         |
| PHY 1100   | 1      |        |         |
| PHY 1020 or 1520   | 4      |        |         |
| PHY 1110   | 1      |        |         |
| ENV 3080 or 3730 or PHY 1060                                 |        |        |         |
| ENV 3080 or 3120 or 3730, or AN 3110 or CHM 3000 or PHL 3500 |        |        |         |
| (ENV 3080 may double count in both areas above)              |        |        |         |

**Corequisite Credits:** Required  Completed 0 **REMAINING 0**

36 credits needed for BA, 46 credits needed for BS

**INTEGRATED SCIENCE ENDORSEMENT**

in addition to corequisites add

|                          | Course | Status | Credits |
|--------------------------|--------|--------|---------|
| ENV 3080 can DC w/coreqs | 4      |        | DC      |
| PHY 1040                 | 4      |        |         |
| PHY 1060                 | 4      |        |         |

**Endorsement Credits** Required 12 Completed 0 **REMAINING 12**

**SECONDARY EDUCATION COURSES (STEP):**

SED 3000 & DLL 4197 min.3.0

|                        | Course | Grade | Credits |
|------------------------|--------|-------|---------|
| *SED 3000 or 1000/3001 | 4      |       |         |
| DLL 4197               | 4      |       |         |
| FE 3010                | 4      |       |         |
| RDG 4238               | 4      |       |         |
| SED 4100               | 4      |       |         |
| SED 4200               | 4      |       |         |
| SED 4952               | 12     |       |         |
| SE 4401                | 4      |       |         |

**STEP Total Credits:** Required 40 Completed 0 **REMAINING 40**

\*Must be completed before applying to STEP.

**32 CREDITS AT 3000-4000 LEVEL**

|                            |  |     |  |
|----------------------------|--|-----|--|
| BIO                        |  | BIO |  |
| BIO                        |  | SED |  |
| BIO                        |  | IST |  |
| BIO                        |  |     |  |
| BIO                        |  |     |  |
| 300-400 Completed <b>0</b> |  |     |  |
| <b>REMAINING: 32</b>       |  |     |  |

With no substitutions or exceptions 32+ credits of 3000-4000 level classes will be met by major