

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 111 | | |
| Formal Reasoning | | STA 228 | | |
| Social Science | | | | |
| Western Civilization | | | | |
| Writing Foundations- Composition II (3.0 GPA) | | | | |
| Knowledge Application (outside of major) | | PHY 102 | | |
| General Education Total Credits: | Required | Completed | REMAINING | |
| | 40 | 0 | 40 | |

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 300 DC |
| Writing Intensive in Major | Since Fall 2006 | BIO 495 DC |
| Capstone | Since Fall 2006 | BIO 495 DC |

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

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

| | Course | Status | Credits |
|---|----------|-----------|------------------|
| BIO 111 | 4 | | |
| BIO 113 | 4 | | |
| BIO 116 | 1 | | |
| BIO 315 - BA / BIO 325 - BS | 4 | | |
| BIO 341 | 4 | | |
| BIO 387 | 4 | | |
| BIO 309, 319, 321, 323, or 417 | 4 | | |
| BIO 301, 303, 311, 317, 353, or 373 | 4 | | |
| BIO elective (above 111) | 4 | | |
| BIO elective (above 111) (BS only) | 4 | | |
| 400-lvl BIO lecture (not 405/430/432/490/495/497)(not 425-BS only) | | | |
| | 3/4 | | |
| BIO 425-BS only | 4 | | |
| BIO 495 | 4 | | |
| BIO credits to reach 42 credits (52 BS) minimum | | | |
| Remaining lecture and lab courses needed to reach 42 credit minimum (52 for BS). 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 | | |
| Botony | Y/N | | |
| Microbiology | Y/N | | |
| In addition to BIO 116, 3 (BA) or 4 (BS) BIO lab courses are required | | | |
| | 1 | 2 | 3 |
| | 4 | | |
| Major Total Credits: | Required | Completed | REMAINING |
| 42 credits needed for BA, 52 credits needed for BS | 42 | 0 | 42 |

ADVISER NOTES:

CREDIT SUMMARY AFTER:

| | |
|-------------------------------------|-----|
| MINIMUM CREDITS REQUIRED: | 124 |
| OU credits completed | |
| Transfer credits (on OU transcript) | |
| TOTAL CREDITS | 0 |
| Pending OU and/or transfer | |
| TOTAL DEGREE CREDITS | 0 |
| MINIMUM CREDITS NEEDED: | 124 |
| Date: | |
| Adviser: | |

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

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 grade may be below a 2.0.

At least 16 credits in Biology courses must be completed at Oakland University.

2013-2014 Catalog

Student Type: Catalog:

TEW:

CO-REQUISITE COURSES

| | Course | Status | Credits |
|--|--------|--------|---------|
| Placement required | | | |
| MTH 141 | 4 | | |
| MTH 154 or 122 (BS only) | 4 | | |
| STA 228 | 4 | | |
| CHM 157 | 5 | | |
| CHM 158 | 5 | | |
| CHM 234 | 4 | | |
| CHM 235 (BS only) | 4 | | |
| CHM 237 (BS only) | 2 | | |
| PHY 101 or 151 | 5 | | |
| PHY 102 or 152 | 5 | | |
| ENV 308 or 373 or PHY 106 | | | |
| | 4 | | |
| ENV 308 or 312 or 373, or AN 300 or CHM 300 or PHL 318 | | | |
| | 4 | | |

Corequisite Credits: Required 40 Completed 0 **REMAINING 40**

40 credits needed for BA, 50 credits needed for BS

INTEGRATED SCIENCE ENDORSEMENT

in addition to corequisites add

| | Course | Status | Credits |
|-------------------------|--------|--------|---------|
| ENV 308 can DC w/coreqs | 4 | | |
| PHY 106 can DC w/coreqs | 4 | | |
| PHY 104 | 4 | | |

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

SECONDARY EDUCATION COURSES (STEP):

| | Course | Grade | Credits |
|--------------------|--------|-------|---------|
| *SED 300 (3.0 min) | 4 | | |
| *IST 397 | 4 | | |
| FE 406 | 4 | | |
| RDG 338 | 4 | | |
| SED 427 | 4 | | |
| SED 428 | 4 | | |
| SED 455 | 12 | | |
| SE 401 | 4 | | |

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

* SED 300 and IST 397 are required before applying to STEP

32 CREDITS AT 300-400 LEVEL

| | | | |
|-------------------|--|-----------|--|
| BIO | | BIO | |
| BIO | | SED | |
| BIO | | IST | |
| BIO | | | |
| BIO | | | |
| 300-400 Completed | | 0 | |
| REMAINING: | | 32 | |

With no substitutions or exceptions 32+ credits of 300-400 level classes will be met by major