

# 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 102/152		
<b>General Education Total Credits:</b>	Required	Completed	<b>REMAINING</b>	
	40	0	<b>40</b>	

## 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 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 5 labs for BA).

**BIO 101, 104, 110, 121, and 300 may not count in the major.**

	Course	Status	Credits	
BIO 111	4			
BIO 113	4			
BIO 116	1			
BIO 325 (BS) / BIO 315 or 325 (BA)	4			
BIO 341	4			
BIO 387	4			
BIO 309, 319, 321, 323, or 417	4			
BIO 301, 303, 311, 317, 353, 373, or 377	4			
BIO elective	4			
BIO elective (BS only)	4			
400-level BIO lecture (not 405/430/432/490/495/497)	4			
400-level BIO lecture (not 405/430/432/490/495/497) (BS only)	4			
BIO 495	4			
BIO courses needed to reach 52 credit minimum				
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			
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 300 level or above.				
	1	2	3	4
<b>Major Total Credits:</b>	Required	Completed	<b>REMAINING</b>	
42 credits needed for BA, 52 credits needed for BS	42	0	<b>42</b>	

## 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	
<b>TOTAL CREDITS REMAINING:</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 grade may be below a 2.0.

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

2014-15 Catalog (Since 2014)

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 144 (157)	4		
CHM 147	1		
CHM 145	4		
CHM 148	1		
CHM 234	4		
CHM 235 (BS only)	4		
CHM 237 (BS only)	2		
PHY 101 or 151	4		
PHY 110	1		
PHY 102 or 152	4		
PHY 111	1		
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
<b>REMAINING:</b>		<b>32</b>

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