

# College of Arts and Sciences Advising Worksheet

# PHYSICS 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		PHY 151		
Formal Reasoning		MTH 154		
Social Science				
Western Civilization				
Writing Foundations- Composition II (3.0 GPA)				
Knowledge Application (outside of major)		MTH 155		
<b>General Education Total Credits:</b>	Required 40	Completed 0		<b>REMAINING 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	SED 300	DC
Writing Intensive in Major	PHY 400 since F '06 PHY 490 since F '07	DC
Capstone	PHY 400 since F '06 PHY 490 since F '07	DC

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

**MAJOR COURSES** – A minimum of 35 cr. In PHY are required for the BA and 45 for the BS degree.

Verify major with department

	Course	Status	Credits	
PHY 151	4			
PHY 152	4			
PHY 317	2			
PHY 351 (BS only)	4			
PHY 371	4			
PHY lab course (2 credit minimum)(BS only)	2			
12 credits: PHY 325, 331, 341, 351, 361, 366, 372, 381, or 421	4			
	4			
	4			
4 Lab credits chosen from:PHY 306, 318, 347, 418, 487, or 490	2			
	2			
PHY 400 or 490 (capstone)	3			
PHY elective at 200-level or higher (BS only)	4			
	35 credits for BA 45 credits for BS	Required 35	Completed 0	<b>REMAINING 35</b>

**COREQUISITE COURSES**- needed to finish the degree and STEP requirements

	Course	Status	Credits	
MTH 154 (requires placement)	4			
MTH 155	4			
MTH 254 (BS only)	4			
APM 255 (257)	4			
CHM 157	5			
CHM 158	5			
BIO 111 or higher (not BIO 300)	4			
PHY 106 or 307 or 308	4			
AN 300 or ENV 308 or ENV 312 or PHY 312 or PHY 115 or PHY 127	4			
	34 credits for BA 38 credits for BS	Required 34	Completed 0	<b>REMAINING 34</b>

### 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: _____	Adviser: _____

General Education	
Diversity	
WIM/WIGE/Capstone	
Major	
Corequisites	
Integrated Science Endorsement	
STEP	
<b>TOTAL CREDITS REMAINING:</b>	

## IMPORTANT NOTES:

A minimum GPA of 2.8 overall and 3.0 in major and endorsement is required to apply to the Secondary Teacher Education Program (STEP). Acceptance is not guaranteed. Students should consult regularly with their STEP faculty adviser in addition to the CAS Advising office.

A 2.0 minimum grade is required in all major and minor courses. At least 16 credits in Physics courses must be completed at Oakland University.

Physics STEP majors must also complete a teaching minor or endorsement to enter the STEP program.

2013-2014 Catalog

Student Type: \_\_\_\_\_ Catalog: \_\_\_\_\_  
TEW: \_\_\_\_\_

**INTEGRATED SCIENCE ENDORSEMENT** complete major coreqs. and classes below

	Course	Status	Credits
BIO 111 DC w/coreqs	4		DC
BIO 113	4		
CHM 234	4		
ENV 308 DC w/coreqs	4		DC
PHY 104	4		
PHY 106 DC w/coreqs	4		DC

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

**SECONDARY EDUCATION COURSES (STEP):**

	Course	Status	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 Credits:** Required 40 Completed 0 **REMAINING 40**

\*must be completed before applying to STEP

*This worksheet is for advising purposes and is a summary of degree requirements based on available information at the time of completion. Students are responsible for verifying major requirements with the department faculty adviser and for reading the undergraduate catalog for all requirements necessary to complete their degree at Oakland University.*

### 32 CREDITS AT 300-400 LEVEL

PHY	PHY	
PHY	PHY	
PHY	SED	
PHY		
PHY		

300-400 Completed 0  
**REMAINING: 32**

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