

College of Arts and Sciences Advising Worksheet

PHYSICS STEP BA/BS

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

Composition II (minimum 3.0 required for STEP)	
Arts	
Literature	
Foreign Language and Culture	
Western Civilization	
Global Perspective	
Social Science	
Formal Reasoning	MTH 154
Natural Science and Technology	PHY 151
Knowledge Application (cannot be PHY)	MTH 155

General Education Credits Still Needed _____

GEN EDs THAT MAY BE DOUBLE-COUNTED (satisfied with courses that also satisfy other degree requirements)

U.S. Diversity	
Writing Intensive in Gen Ed	SED 300 (since F'06)
Writing Intensive in Major	PHY 400 (F'06) or 490 (F'07)
Capstone	SED 455 (since F'06)

COLLEGE DISTRIBUTION REQUIREMENT – BA: requires one course in 4 areas for a total of at least 16 credits. BS: 3 areas for at least 12 credits. See catalog for description of course options.

Arts and Literature	
Foreign Language-2 nd semester level or higher (NOT sign language or linguistics: ALS/LIN)	
Civilization	
Social Science	
Mathematics (NOT logic or computer science)	MTH 155
Natural Sciences	PHY 152
Interdisciplinary - either AMS 300 or WGS 200	

Distribution Credits Still Needed _____

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

PHY 151	4	
PHY 152	4	
PHY 158	2	
PHY 317	2	
PHY 351 (required for B.S. degree only)	4	
PHY 371	4	
PHY lab course (2 credit minimum) B.S. degree only:	2	
12 credits chosen from PHY 325, 331, 341, 351, 361, 366, 372, 381, or 421:		
1.	2.	3.
PHY 306 or 318 or 347 or 418 or 487 or 490	4	
PHY 400 or 490 (capstone)	3	
PHY elective at 200-level or higher (BS degree only)	4	

CREDIT SUMMARY AFTER:

MINIMUM CREDITS REQUIRED:	124 cr.
OU credits (through current semester)	
Transfer credits (on current OU transcript)	
TOTAL CREDITS	
TOTAL DEGREE CREDITS	
CREDITS STILL NEEDED FOR DEGREE:	

Current Date: _____

General Education	
Diversity	
WIM/WIGE/Capstone	
Distribution	
Major/Co-requisites	
Minor/Endorsement	
STEP	
TOTAL NEEDED:	

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.

MINOR OR ENDORSEMENT COURSES:

CO-REQUISITE COURSES NEEDED TO FINISH THE DEGREE AND STEP REQUIREMENTS

MTH 154 (requires placement)	4	
MTH 155	4	
MTH 254	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 115 or PHY 127	4	

SECONDARY EDUCATION COURSES (STEP):

*SED 300 (3.0 minimum grade)	4	
*IST 397	4	
FE 345	4	
RDG 338	4	
SED 427	4	
SED 428	4	
SED 455	12	
SE 401	4	

*must be completed before applying to STEP

MINIMUM 32 CREDITS AT 300-400 LEVEL TO GRADUATE (any courses, not just in major)

PHY		PHY	
PHY		PHY	
PHY			
PHY			
PHY			

300-400 LEVEL CREDITS COMPLETED: _____

TOTAL STILL NEEDED: _____

I understand that this worksheet is not meant to be comprehensive. It is a summary of my degree requirements only. I am responsible for reading my undergraduate catalog and understanding all requirements necessary to complete my degree at Oakland University.

Signature: _____ Date: _____

Secondary Teacher Education Program (STEP) Timeline

www.oakland.edu/sehs/sfs

20XX/20XX		20XX/20XX		20XX/20XX	
Fall	<ul style="list-style-type: none"> - Major/Minor coursework - General Education coursework - SED 300 (+50 hrs. field placement in major) - IST 397* Meet with Faculty Advisers to review program plans. Meet with CAS Advisers to audit Gen Ed.	Fall	<ul style="list-style-type: none"> - Major/Minor - General Education Apply to STEP (application due Oct 1st)	Fall	<ul style="list-style-type: none"> - SED 428 (4 credits) – major methods - SE 401 (4 credits) - SED 455 (4 credits) – student teach ½ day
Winter	<ul style="list-style-type: none"> - Major/Minor - General Education - SED 300 and/or IST 397* if not taken yet 	Winter	<ul style="list-style-type: none"> - RDG 338 (4 credits) - FE 345 (4 credits) - SED 427 (4 credits) – minor methods course for all minors except English, math, & ESL (note: ESL minors do NOT need SED 427 because they take ALS 418 in its place) - SED 426 (4 credits) – minor methods course for math minors <u>ONLY</u> - ENG 398** (4 credits) – minor methods course for English minors <u>ONLY</u> (+ 30 hrs. field placement in minor required) **English majors will need to complete SED 427 <u>AND</u> ENG 398. 	Winter	<ul style="list-style-type: none"> - SED 455 (8 credits) – student teach all day <p style="text-align: center;">Apply for graduation</p>
Summer	<ul style="list-style-type: none"> - Major/Minor/Gen Ed coursework 	Summer	<ul style="list-style-type: none"> - Major/Minor <p>(If taking SE401 or RDG338, will have 30 hour field assignment)</p> <p>All major/minor courses must be complete before student teaching.</p>	Summer	Recommended for Certification

*IST 397 – Integrating Technology in Secondary Curricula

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Students must complete IST 397 or verify they meet state educational technology requirements before entering STEP.

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For STEP application and program information: Go to www.oakland.edu/sehs/sfs and place cursor over Secondary Placements. 10-26-10