MichiganTech

Bachelor of Science Degree Audit

201408 Requirements

Major Program: Physics

Name: _____

Concentration: Secondary Education

ID#: _____

Program Code: SPH1UG

Expected Graduation Term: _____

Major Requirements

Course Number	Credits (68-69)	Course Status Code M, R, P, WVD, SUB*
CH 1150	3	
CH 1151	1	
CH 1153	1	
MA 1160	4	
MA 2160	4	
MA 2320/2330	2/3	
MA 3160	4	
MA 3530	3	
PH 1160	4	
PH 1161	1	
PH 1360	2	
PH 1361	1	
PH 1600	2	
PH 2020	1	
PH 2230	4	
PH 2260	4	
PH 2261	1	
PH 2300	2	
PH 2400	3	
PH 3110	3	
PH 3210	3	
PH 3300	3	
PH 3320	3	
PH 3410	3	
PH 3480	2	
PH 4010	1	
PH 4210	3	
Physics Electives: 9 credits Minimum 6 credits at the 3000-level or higher (excluding PH4011, PH4050, PH4080) with no more than 3 credits of PH4999 counting toward those 6.		
Credits Subtotal		

Concentration Requirements

Course Number	Credits (31)	Course Status Code M, R, P, WVD, SUB*
ED 3100	2	
ED 3110**	3	
ED 3210	2	
ED 3410	1	
ED/HU 4150	4	
ED 4700	3	
ED 4720	2	
ED 4910	12	
PH 4710	2	
Credits Subtotal		

****Designates General Education Distribution course (course may be double-listed, but credits not double-counted).**

Note: For Michigan Teaching Certification, you must also complete a secondary teacher certification minor. Additional credits depend on the minor chosen. In addition, you must be certified in First Aid and CPR for child and adult, by completing Red Cross or American Heart Association training.

* **M**-Passed with valid grade, transfer, or Adv. Placement credit; **R**egistered in course; **P**lan to take in future, **WVD**-Waived course or credit (does not reduce total degree credits required), **SUB**-Petitioned as substitute course.

General Education Requirements

Course Number	Credits (24)	Course Status Code M, R, P,WVD,SUB*
Courses used to complete General Education may not be used to complete other degree requirements.		
UN 1015	3	
UN 1025*	3	
HUFA (3 cr)	3	
FA2330, 2520, 2720, 2820, HU2130, 2501, 2538, 2700, 2820, 2910		
SBS (3 cr)	3	
EC2001, PSY2000, SS2100, 2200, 2400, 2500, 2501, 2502, 2503, 2504, 2505, 2600, 2700		
HASS Distribution Courses: 12 total credits required.		
■ Six (6) credits must be at the 3000 or 4000 level ■ No more than 3 credits from the HASS Creative Endeavors List ■ No more than 3 credits from the HASS Supplemental List		
	3	
	3	
	3	
	3	
Credits Subtotal		

*A 3000-level or higher modern language course may be used in place of UN1025, Global Issues.

Co-Curricular Activities

	.5	
	.5	
	.5	
	.5	
	.5	
	.5	

Required for graduation, but not included in the calculation of the GPA, or in the overall credits required for the degree.

Free Electives

Course Number	Credits Variable	Course Status Code M, R, P, WVD, SUB*
Free elective credits are usually fulfilled by the required Secondary Teaching Certification Minor credits. The amount will vary depending on the minor selected and the minor credits being used in other areas of this degree audit. Selected Minor: _____ (You must complete a Teaching Certification Minor Audit form available through the Department of Cognitive and Learning Sciences.)		
Credits Subtotal		

For Advisor Use Only	
Total Credits Required: Total credits for this degree will vary based on the state teaching certification minor selected. Minimum credits required is 126.	**126**
Total Credits Completed:	
Total Credits Needed:	

_____
Dept. of Cognitive and Learning Sciences Date

_____ _____
Student Signature Date Departmental Approval Date