

Major Program: Physics

Name: _____

Concentration: Secondary Education

ID#: _____

Program Code: SPA1UG

Expected Graduation Term: _____

Major Requirements

Course Number	Credits (57-59)	Course Status Code M, R, P, WVD, SUB*
CH 1150	3	
CH 1151	1	
CH 1153	1	
MA 1160/1161	4-5	
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 1610	1	
PH 2020	1	
PH 2260	4	
PH 2261	1	
PH 2300	2	
PH 2400	3	
PH 3210	3	
PH 4010	1	
Physics Electives: 9 credits Minimum 6 credits at the 3000-level or higher (excluding PH4011, PH4050, PH4080)** and no more than 3 credits of PH4999		
**These courses can count towards the total credit hours of Physics Electives, but not toward the 6 minimum credits at the 3000-level or higher.		
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	
PH 4710	2	
ED 4910	12	
* 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. **From HASS Distribution Courses List: ED3110 satisfies 3 credits of this requirement, though credits may only be counted once.		
Credits Subtotal		

* **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 (or UN 2001)	3	
UN 1025* (or UN1002**)	3	
HUFA (3 cr) FA2330, 2520, 2820, HU2130, 2501, 2538, 2700, 2820, 2910, UN1001	3	
SBS (3 cr) EC2001, PSY2000, SS2100, 2200, 2400, 2500, 2501, 2502, 2503, 2504, 2505, 2600, 2700, UN2002	3	
HASS Distribution Courses: 12 total credits required.		
<ul style="list-style-type: none"> ■ 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		
<p>*A 3000-level or higher modern language course may be used in place of UN1025, Global Issues.</p> <p>**UN1002 (or UN1003 plus a modern language course) is 4 credits. This will increase general education to 25 credits, allowing for a 1 credit reduction in free elective credits.</p>		

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

Many of these credits will typically be fulfilled by the Secondary Teaching Certification Minor credits. The actual number of credits needed will vary depending on the teaching minor selected.

Course Number	Credits (12-14)	Course Status Code M, R, P, WVD, SUB*
Credits Subtotal		

For Advisor Use Only	
Total Credits Required:	126
Total Credits Completed:	
Total Credits Needed:	

Student Signature _____ Date _____

Department Approval _____ Date _____