

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.

