



Student Name and ID Number

Estimated Graduation Date

Major Requirements: 57 - 59 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
CH 1150	3	
CH 1151	1	
MA 1160/1161	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 1610	1	
PH 2020	2	
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 with no more than 3 credits of PH4999 counting toward the 6 credits. PH4010, PH4011, PH4050, and PH4080 can count toward the total credit hours of Physics Electives, but not toward the 6 minimum credits at the 3000- level or higher.		
Credit Subtotal		

Concentration Requirements: 31 Credits		
Course Number	Credits	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	
Credit Subtotal		

Note: For Michigan Teaching Certification, students must also complete a secondary teacher certification minor through the Dept of Cognitive and Learning Sciences. In addition, students must become certified by the Red Cross or American Heart Association in child and adult First Aid and CPR.

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

