

Estimated Graduation Date

<b>Concentration Requirements: 31 Credits</b>			
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.

Student Name and ID Number

Major Requ	irements: 5	7 - 59 Credits
Course Number	Credits	Course Status Code M, R, P, WVD, SUB <sup>*</sup>
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	s	
Minimum 6 credits at the 3		igher with no more
than 3 credits of PH4999 c		
PH4010, PH4011, PH4050,		
total credit hours of Physic	s Electives, but	not toward the 6
minimum credits at the 30		
Credit Subto		

General Education Requirements: 24 credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*

Courses used to complete General Education may not be used to complete other degree requirements.

Core: 12 credits		
UN 1015	3	
UN 1025 or upper level modern language	3	
Critical and Creative Thinking	3	
Social Responsibility and Ethical Reasoning	3	

✓ Each course can satisfy only one requirement

 $\checkmark$  No more than three credits may come from the Restricted List

 $\checkmark$  Six credits of HASS must be at the 3000- or 4000- level (an upper level language course in place of UN1025 does not meet this requirement).

Humanities, Fine Arts/Social & Behavioral Sciences (HASS): 12 credits		
Communication/ Composition	3	
Humanities and Fine Arts	3	
Social and Behavioral Sciences	3	
Course from any list above or Restricted List	3	

<b>Co-Curricu</b>	lar A	ctivi	ties
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Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree.

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## Free Electives: 13 - 15 Course Number Credits Course Status Code M, R, P, WVD, SUB\* ective credits are usually fulfilled by the required secondary

Free elective credits are usually fulfilled by the required secondary teacher certification minor credits. The amount will vary dependeing on the minor selected and the minor credits being used in other areas of this degree.

Advisor Use C	Dnly
Total Credits for this degree will vary based on the state teaching certification minor. Minimum credits required is	
126	
Total Credits Required 126	
Total Credits Completed	
Total Credits Needed	

Dept. of Cognitive and Learning Sciences

Date