



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 3210	2	
ED 3410	1	
ED 4110	3	
ED/HU 4150	4	
ED 4300	2	
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.

Free Electives: 13 - 15 Credits		
Course Number	Credits	Course Status Code M, R, P, WVD, SUB*
Free elective credits are usually fulfilled by the required secondary teacher certification minor credits. The amount will vary depending on the minor selected and the minor credits being used in other areas of this degree.		
Credit Subtotal		

***M**-Passed with valid grade, transfer, or Advance 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: 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	
HASS: 12 Credits		
✓ Students must complete 12 credits of HASS course work ✓ Six of the 12 credits must be at the 3000- or 4000- level* ✓ At least three credits each in the following: Communication/Comp, Humanities and Fine Arts, and Social & Behavioral Sciences. ✓ No more than three credits may come from the Restricted List		
Communication/Composition	minimum 3	
Humanities and Fine Arts	minimum 3	
Social and Behavioral Sciences	minimum 3	
Course from any list above or Restricted List	0-3	

*an upper division language course in place of UN1025 does not meet this requirement.

Co-Curricular Activities: 3 Credits

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

Advisor Use Only

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

Student Signature

Date

Departmental Approval

Date