Name: _____   ID: _____   Updates: _____

SECONDARY EDUCATION (MATHEMATICS) – 120 credits required for graduation

GENERAL EDUCATION REQUIREMENTS:

QUANTITATIVE COMPETENCY (minimum 45 credits)
For specific requirements see course sequence
for math specialization to the right!

SCIENCE (7-8 credits)
Lab Science (4)   _____   _____   _____
Lab/Application Sci. Knowledge (3-4) _____   _____   _____

WRITING COMPENTENCY (9 credits)
College Comp. (3) – grade of C   ENG 101   _____   _____
Course within Education Major (3) EHD 202   _____   _____
Writing Intensive - ENG101 pre-req.(3) ENG____   _____   _____

HUMAN VALUES & SOCIAL CONTEXT (18 credits)
Western Cultural Tradition (3)   _____   _____   _____
Social Context & Institutions (3)   PSY 100   _____   _____
Cultural Diversity & Int'l Perspectives (3) EHD 202   _____   _____
Population & the Environment (3)   _____   _____   _____
Artistic & Creative Expression (3)   _____   _____   _____
Elective to Complete HVSC   _____   _____   _____

CAPSTONE EXPERIENCE (12 credits)
Internship – Student Teaching (12)   EHD 491   _____   _____

GENERAL ELECTIVES:

COURSE	Semester	Grade
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PROFESSIONAL EDUCATION – PRIOR TO TEACHER CANDIDACY

To apply for Teacher Candidacy and upper level education courses, you must complete following courses with a B- or above, and a cumulative GPA of 2.75. You must fulfill portfolio requirements, passing Praxis Core, and documentation of field exp.

COURSE	Semester	Grade
EHD 101 – The Art and Science of Teaching (3) **HCRC Card REQ.**	_____	_____
EHD 202 – Education in a Multicultural Society (3)	_____	_____
EHD 203 – Educational Psychology (3)	_____	_____
EDT 400 – Computers in Education (3)	_____	_____
PSY 224 – Psych. of Adolescence (3) **OR** CHF 433 – Adolescence (3)	_____	_____

PRAXIS CORE EXAM: READING_____ WRITING_____ MATH_____

Must be passed before applying for teacher candidacy. Passing scores: Reading 156, Writing 162, Math 150 or a composite score of 468 with all sections within 3 points of passing.

PRE – EDUCATION SEMESTER – UPON ADMISSION TO TEACHER CANDIDACY

EHD 204 – Teaching & Assessing for Student Learning (3)   _____   _____
SED 302 – Adapting Instruction for Students with Disabilities (3)   _____   _____
EHD 301 – Prevention & Intervention (3)   _____   _____
EHD 421 – Literacy Across the Curriculum (3)   _____   _____

PRAXIS II EXAM: _____ *- Must pass in discipline of study to apply for EHD 491 – Student Teaching*

EDUCATION SEMESTER- FALL ONLY

EMA 405– Math for Secondary School Teachers (3)   _____   _____
EHD 400 – Field Observation (3)- **Must apply semester prior to observation.**   _____   _____

STUDENT TEACHING INTERNSHIP– *Must have a cumulative GPA of 2.5 or higher to be eligible for EHD 491*

EHD 491 – Internship (12)   _____   _____
EHD 498 – Seminar for Interns (3)   _____   _____
EHD 493 – Alternative Capstone Exp. (3-6) **ONLY if NOT student teaching**   _____   _____

MATH REQUIRMENTS:

Total of at least 45 credits are required. Students must have a 2.5 GPA in specialization to graduate. ^ Indicates must have a C or higher in course.

Course	Cr	Pre-Req	Semester	Grade
MAT 126 – Calculus I	4	MAT 122^ or Part 3 of MPE		
MAT 127 – Calculus II	4	MAT 126^		
MAT 228 – Calculus III	4	MAT 127^		
MAT 261 – Intro. to Abstract Math	3	MAT 127^		
MAT 262 – Linear Algebra	3	MAT 127^		
EMA 405 – Math for Sec. School (taken w/ EHD 400) **Fall Semester Only**	3	Teacher Candidacy		
STS 434 – Intro. to Statistics	4	MAT 228^		
MAT 445 – History of Math **Spring Semester Only**	3	MAT 127^		
MAT 463 – Intro. Abstract Algebra I **Fall Semester Only**	3	MAT 261^ & 262^		
MAT 471 – Differential Geometry **OR**	3	MAT 228^		
MAT 475 – Higher Geometry **Fall Semester Only**	3	MAT 228^		
MAT 481 – Discrete Mathematics **Fall Semester Only** **OR**	3	MAT 261^ **OR** 262^		
COS 250 – Discrete Structures	3			
COS 120 – Intro to Programming	3			
COS 220 – Intro Computer Science I	3	COS 220		
COS 221 – Intro Computer Science II	3			
Math Elective 1: _____				
Math Elective 2: _____				