

**Degree Requirements - Bachelor of Science  
Mathematics –Licensure/2008-2010 Catalog**

Name \_\_\_\_\_

Semester Enrolled \_\_\_\_\_

**English 12**

*Required:*

\_\_\_\_ ENG 1463 Freshman English A\* (See Catalog -57)

*Choose one:*

\_\_\_\_ ENG 1473 Freshman English B  
\_\_\_\_ ENG 1803 *Honors* Freshman English

*Choose one:*

\_\_\_\_ ENG 2683 Masters of Western Literature  
\_\_\_\_ ENG2793 Masters of Western Literature(Honors)  
\_\_\_\_ ENG 2013 World Literature I  
\_\_\_\_ ENG 2023 World Literature II

*Required:*

\_\_\_\_ ENG 3313 Review Composition\*\* (See Catalog)

**Social Science 12**

*Choose one:*

\_\_\_\_ HIS 1013 Civilization to 1660  
\_\_\_\_ HIS 1023 Civilization since 1660  
\_\_\_\_ HIS 1043 Civilization since 1660-Honors

*Choose one:*

\_\_\_\_ HIS 2053 U.S. United States to 1865  
\_\_\_\_ HIS 2063 U.S. United States since 1865  
\_\_\_\_ PSC 1013 American National Government

*Choose two:*

\_\_\_\_ ANT 2013 Intro. To Cultural Anthropology  
\_\_\_\_ ECO 2013 Macroeconomics  
\_\_\_\_ ECO 2023 Microeconomics  
\_\_\_\_ GEO 1023 Intro to Geography  
\_\_\_\_ GEO 2163 World Geography  
\_\_\_\_ PSY 1013 General Psychology  
\_\_\_\_ SOC 1013 Intro to Sociology

*Or other courses listed in first two sections*

**Humanities 6**

*Choose one:*

\_\_\_\_ PHI 2013 Intro to Philosophy (Eng B prereq)  
\_\_\_\_ PHI 2083 Humanities: Ideas-Honors(Eng B prereq)  
\_\_\_\_ PHI 3043 Hist of Phil-Ancient and Medieval  
\_\_\_\_ PHI 3053 History of Philosophy-Modern  
\_\_\_\_ PHI 3113 Ethics

*Choose one:*

\_\_\_\_ ART 2033 Humanities: Art  
\_\_\_\_ ART2603 Humanities: Studio Art  
\_\_\_\_ HUM2093 Fine Arts: Honors  
\_\_\_\_ MUS 2033 Humanities: Music  
\_\_\_\_ THA 2033 Humanities: Theatre  
\_\_\_\_ Music history (6 hours)

**Henderson Seminar 1**

\_\_\_\_ GEN 1031 Henderson Seminar

**Nonwestern Culture 3**

\_\_\_\_ ANT 3043 North American Indians  
\_\_\_\_ ANT 3053/SOC 3063 World Cultures  
\_\_\_\_ ART 3103 Art of the Nonwestern World  
\_\_\_\_ ENG 3043 Nonwestern Literature  
\_\_\_\_ GEO 3173 Geography of the Pacific  
\_\_\_\_ HIS 4673 Asian Civilizations  
\_\_\_\_ HIS 4683 The Modern Middle East  
\_\_\_\_ HIS 4693 African History  
\_\_\_\_ HPR3973 History & Philosophy of Nonwestern  
Leisure, Culture Wellness & Sport  
\_\_\_\_ MUS 3473 Survey of Nonwestern Music  
\_\_\_\_ NSG3643 Trans-cultural Health Care  
\_\_\_\_ PHI 3023 Religions of the World  
\_\_\_\_ PHY 4293 Nonwestern Cosmology  
\_\_\_\_ PSC 4233 Comparative Politics in the Middle East  
\_\_\_\_ PSC 4243 Comparative Politics in Africa  
\_\_\_\_ PSC 4253 South Asian Politics

**Natural Sciences 11**

*Choose at least one:*

\_\_\_\_ BIO 1013/1021 Intro to Biology **and** Lab  
\_\_\_\_ BIO 2104 General Botany  
\_\_\_\_ BIO 2114 General Zoology

*Choose at least one:*

\_\_\_\_ CHM 1004 Intro to Chemistry  
\_\_\_\_ CHM 1014 General Chemistry I  
\_\_\_\_ CHM 1024 General Chemistry II  
\_\_\_\_ CHM 1034 General Chemistry Non-Majors  
\_\_\_\_ CHM 1044 General Organic and Biochemistry  
\_\_\_\_ PHY 1024 Introduction to Astronomy  
\_\_\_\_ PHY 2034 General Physics I  
\_\_\_\_ PHY 2044 General Physics II

*3 hours selected from above or from the following*

\_\_\_\_ BIO 2283 Environmental Science  
\_\_\_\_ PHS 1053 Earth Systems and Environment  
\_\_\_\_ PHS 1073 Meteorology  
\_\_\_\_ PHY 1133 Physical Geology  
\_\_\_\_ PHY 3053 General Astronomy

**Computer Science 4**

\_\_\_\_ CSC 1104 Foundations of Computer Science I  
\_\_\_\_ CSC 1104L Foundations of Computer Science I/lab

**Physical Education 2**

\_\_\_\_ HPR 1011 Life Fitness Concepts  
\_\_\_\_ HPR \*\*\*1 One hour of PE activity

**Oral Communication 3**

\_\_\_\_ COM 2013 Oral Communication

**Education 28**

*PLT Module I:*

\_\_\_\_ EDU 2423 Foundations of Education  
\_\_\_\_ EDU 3042 Instructional Technology  
\_\_\_\_ EDE 2000 PLT Lab 1

*PLT Module II:*

\_\_\_\_ SPE 3013 Psychology of Exceptional Child  
\_\_\_\_ EDU 4123 Educational Psychology

*PLT Module III:(Must be admitted. to teacher-ed  
program)*

\_\_\_\_ EDE 3212 Assessment and Ed. Measure 7-12  
\_\_\_\_ EDE 4223 Classroom Management 7-12

Internship – Professional Semester:

\_\_\_\_ EDU 4216 Teacher Internship-Math  
\_\_\_\_ EDU 4216 Teacher Internship-Clinical

**Mathematics 41**

\_\_\_\_ MTH 1295 Calculus I  
\_\_\_\_ MTH 1261 Intro to Mathematical Computing  
\_\_\_\_ MTH 2045 Calculus II  
\_\_\_\_ MTH 2283 Discrete Mathematics  
\_\_\_\_ MTH 3023 Systems of Geometry I  
\_\_\_\_ MTH 3103 Calculus III  
\_\_\_\_ MTH 3113 Linear Algebra  
\_\_\_\_ MTH 3163 Probability and Statistics  
\_\_\_\_ MTH 3383 Math for Secondary Teachers  
\_\_\_\_ MTH4133 Algebraic Structures  
\_\_\_\_ MTH 4893 Special Methods - Math  
\_\_\_\_ MTH 4903 Capstone Course - Math  
\_\_\_\_ Jr/Sr MTH Elective or MTH 2323