

**2007-08 Catalog Paradigm
Mathematics**

First Year	
1.	MATH 131 or MATH 132 (GS8)
2.	MATH 132 or MATH 233
3.	CSCI 110
4.	General Education
5.	General Education
6.	General Education
7.	Elective/Minor
8.	Elective/Minor

Second Year	
1.	MATH 233
2.	MATH 250
3.	General Education
4.	General Education
5.	General Education
6.	General Education
7.	Elective/Minor
8.	Elective/Minor

Third Year	
1.	MATH 300 or above
2.	MATH 300 or above
3.	MATH 300 or above
4.	General Education
5.	General Education
6.	Elective/Minor
7.	Elective/Minor
8.	Elective/Minor

Fourth Year	
1.	MATH 300 or above
2.	MATH 300 or above
3.	MATH 499 (non credit) (2 nd semester)
4.	General Education
5.	General Education
6.	Elective/Minor
7.	Elective/Minor
8.	Elective/Minor
9.	Elective/Minor

Elective/Minor courses can be used to take additional major courses, free electives, or to fulfill a minor.

**Paradigm
Mathematics Teaching Major
Early Adolescence/Adolescence Certification**

First Year	
1.	MATH 131 or MATH 132 (GS8)
2.	MATH 132 or MATH 233
3.	CSCI 110
4.	SSCI 220 (GS3)
5.	EDUC 120 and EDUC 125
6.	General Education
7.	General Education
8.	General Education

Second Year	
1.	MATH 233
2.	MATH 250
3.	General Education
4.	General Education
5.	General Education
6.	EDUC 281 ^{SB}
7.	EDUC 351 ^{SB}
8.	EDUC 223 and EDUC 250 ^{SB}

Third Year	
1.	MATH 306
2.	MATH 350 (offered Spring semester 2006, 2008)
3.	MATH 300 or above*
4.	General Education
5.	General Education
6.	EDUC 331, 332, 334 ^{EA}
7.	EDUC 377 ^{EA}
8.	Elective

Fourth Year	
1.	MATH 300 or above*
2.	MATH 300 or above*
3.	MATH 499 (non credit) (2 nd semester)
4.	General Education
5.	General Education
6.	EDUC 450 ST
7.	EDUC 451 ST
8.	EDUC 455 ST
9.	EDUC 458(1 st semester), EDUC 301(1 st semester) ST

Elective course can be used to take an additional major course or a free elective.

* - one of these must be MATH 321.

SB – Sophomore block, EA – Early Adolescent Block, ST – Student Teaching Semester

Progress Sheet Mathematics Teaching Major

Student Name: Student ID:	
General Education – Lower Biennium	Major
<input type="checkbox"/> GS1 – Religious Studies __RELS 106 or RELS 114_____ <input type="checkbox"/> GS2 – Philosophy of Human Nature __PHIL 120_____ <input type="checkbox"/> GS3 – Human Relationships __SSCI 220_____ <input type="checkbox"/> GS4 – Natural Science __A Physical Science_____ <input type="checkbox"/> GS5 – Creative Expression __ENGL 150 or HUMA 100_____ <input type="checkbox"/> GS6 – United States Heritage __POLI 130 or HIST 116_____ <input type="checkbox"/> GS7 – Foreign Heritages __Any except HIST 112/113_____ <input type="checkbox"/> GS8 – Quantitative Skills _____ <input type="checkbox"/> GS9 – Writing _____ _____	Required Courses: <input type="checkbox"/> CSCI 110 – Introduction to Computer Programming <input type="checkbox"/> MATH 131 (or 124) – Calculus and Analytic Geometry I (or Survey of Calculus) <input type="checkbox"/> MATH 132 – Calculus and Analytic Geometry II <input type="checkbox"/> MATH 233 – Calculus and Analytic Geometry III <input type="checkbox"/> MATH 250 – Advanced Foundations of Mathematics <input type="checkbox"/> MATH 306 – Abstract Algebra <input type="checkbox"/> MATH 321 – Probability and Statistics <input type="checkbox"/> MATH 350 – Modern Geometry <input type="checkbox"/> MATH 300 or above _____ <input type="checkbox"/> MATH 300 or above _____ <input type="checkbox"/> MATH 499 – Senior Examination . MATH 499 is a noncredit course required of all math majors in their senior year.
General Education – Upper Biennium	
<input type="checkbox"/> GS1 – Religious Studies _____ <input type="checkbox"/> GS10 – Western Tradition _____ <input type="checkbox"/> GS11 – Global Society _____ <input type="checkbox"/> GS12 – Senior Colloquium (GENS 400) __GENS 408_____ _____	Notes – 1. Those wishing to obtain teaching certification must contact a co-advisor in the Education Discipline. During the Freshman year a letter of intent to apply for admission to the Teacher Education Program must be filed in the Teacher Education office. 2. Teaching certification requires specific General Education courses. 3. MATH 306 must be taken no later than the fall of the junior year in order to complete the program in four years. 4. MATH 350, a required course, is offered every other spring. 5. Advanced MATH courses are numbered 300 or above.