



CATALOG YEAR 2006-2008
(Please use separate form for each add/change)

COLLEGE: Arts and Sciences

Current Catalog Page(s) Affected p. 92 and p. 125

Course: Add: _____ Delete: _____ Change: Number _____ Title _____
(check all that apply) SCH _____ Description _____ Prerequisite _____

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, provide change and attach page with changes in red and provide a brief justification.

Program: BSIS with a Major in Mathematics with Grades 4-8 Certification.

Add: _____ Change: X

Attach new/changed Program of Study description and 4-year plan. If in current catalog, provide change and attach page with changes in red.

See changes in the next pages.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor. If in current catalog, provide change and attach page with changes in red.

Faculty: Add: _____ Delete: _____ Change: _____

Attach new/changed faculty entry. If in current catalog, provide change and attach page with changes in red.

College Introductory Pages: Add information: _____ Change information: _____ .

Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____

Changes in the program are marked in red.

Degree Requirements for the BSIS with a Major in Mathematics with Grades 4-8 Certification

1. **Hours Required:** A minimum of **131** semester credit hours (SCH): 45 hours must be advanced, and fulfillment of degree requirements as specified in the "Requirements for Graduation" section of this catalog.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "Requirements for Graduation".
3. **Science Elective:** 4 SCH from any science discipline.
4. **Field of Study:** 12 SCH including SOCI 3310, MATH 1350, 1351, and PSYC 2312
5. **Major:** 46 SCH including MATH 1316, 2330, 2413, 2414, 2415, 3310, 3360, 3365, 4310, 4390, COSC ~~2301~~ 1336 and 1136 and 9 SCH selected from 3000-4000 level MATH courses..
6. **Professional Development:** 21 SCH including EDCI 3301, 3302, 3305, 4993 and EDDP 4324.
7. **Support Area:** 6 SCH, EDRD 3309 and EDRD 3320

Changes in the 4 year degree plan are explained below:

BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES MAJOR IN MATHEMATICS WITH GRADES 4th - 8th CERTIFICATION

Following is **one** suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. Students are responsible for reviewing the **Program of Study Requirements**.

**See Appendix A Core Curriculum and Optional Course Information.*

FALL	HOURS	SPRING	HOURS
FRESHMAN YEAR		FRESHMAN YEAR	
ENGL 1301 English Composition I	3	ENGL 1302 English Composition II	3
HIST 1301 The U.S. to 1877	3	HIST 1302 The U.S. Since 1877	3
MATH 1314 College Algebra	3	MATH 1316 Trigonometry	3
Natural Science*	4	PSCI 2305 American National Govt	3
COMM Communication*	3	Natural Science*	4
Activity/Wellness*	<u>1</u>	Visual/Performing Arts*	<u>3</u>
Total	17		19
SOPHOMORE YEAR		SOPHOMORE YEAR	
SCI Science Elective ¹	4	PSCI 2306 American State Govt	3
MATH 1350 Funds of Math I	3	MATH 1351 Funds of Math II	3
MATH 2413 Calculus I	4	MATH 2414 Calculus II	4
ENGL Survey of Literature*	3	MATH 2330 Elementary Geometry	3
COSC 1336 Fundamentals of Programming	3	Soc/Behavioral Science*	<u>3</u>
COSC 1136 Fundamentals of Prog. Lab.	1		
Total	18		16

JUNIOR YEAR

MATH 2415 Calculus III	4
MATH 3310 Intro to Linear Alg	3
MATH 3365 Discrete Mathematics	3
SOC 3310 Sociology of Education	3
EDRD 3309 Teaching Rdg in Schools	<u>3</u>
Total	16

SENIOR YEAR

EDCI 3305 Methods, Mgt&Discipline	3
EDDP 4324 Teaching Div Stu Pop	3
EDRD 3320 Content Reading	3
MATH Advanced Math Elective	3
MATH Advanced Math Elective	<u>3</u>
Total	15

TOTAL SEMESTER CREDIT HOURS: 131¹Science, select 4 SCH from any science discipline.**JUNIOR YEAR**

MATH 3360 Statistical Analysis	3
MATH 4310 Abstract Algebra	3
PSYC 2312 Developmental Psyc	3
MATH Advanced Math Elective	3
EDCI 3301 Public School Teaching	3
EDCI 3302 Language Acq&Develop	<u>3</u>
	18

SENIOR YEAR

EDCI 4993 Teaching Internship	9
MATH 4390 Math in Middle&High Sch	<u>3</u>
	12