

## SAMPLE PLAN FOR: INTEGRATED MATHEMATICS (7-12)

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### FRESHMAN YEAR (beginning in even yr)

AH110 Writing the Self in Culture	3	AH120 Writing the World	3
FS101 First Year Seminar	3	CA111 Fund of Oral Communication	3
MA106 Pre-Calculus (F)	4	ED202 Instructional Technology	3
PY110 Intro to Psychology	3	ED221 Foundations of Education	3
Phys Activity course or ES130 Fit for Life	<u>1-2</u>	MA201 Calculus I (S)	<u>4</u>
	14-15		16

### SOPHOMORE YEAR

AH220 Global Civilization	3	ED229 Educational Psychology	3
IT102 Document Production	1	MA203 Calculus III	4
IT103 Spreadsheet Skills	1	(a)MA305 Discrete Math	3
IT104 Presentation Skills	1	Biological Science	4
MA202 Calculus II (F)	4	Literature (EN220, 325, 335, 345, 355)	<u>3</u>
(a)MA301 Linear Algebra	4		17
PY227 Adolescence & Adulthood	<u>3</u>		
	17		

**Note: A student must be accepted into the teacher education program before taking 300 level education courses.**

### JUNIOR YEAR

ED228 Education of Exceptional Children	2	ED347 Reading in Content Field	3
ES234 Community 1 <sup>st</sup> Aid/CPR	1	ED370 Teaching Secondary Students (S)	3
(a)MA302 Modern Abstract Algebra	4	ED371 Secondary Practicum (S)	1
(a)MA401 Differential Equations	4	(a)MA300 History of Math	3
SO120 Life in Society	3	(a)MA306 Probability & Statistics (S)	4
Any Art Course OR MU110 Intro to Music	<u>3</u>	200-level Religion, except RL250	<u>3</u>
	17		17

### SENIOR YEAR

ED352 Math Methods (F)	3	ED458 Internship Secondary School	12
ED497 Advanced Field Experience	2	ED498 Internship Seminar	<u>2</u>
(a)MA304 Modern Geometry	4		14
MA490 Senior Project (F)	3		
Physical Science	<u>4</u>		
	16		

Total Hours: 128

Note: (F) means the course is usually offered only in the fall semester and (S) means the course is usually offered only in the spring semester. When neither (F) or (S) is indicated the course is usually offered in both fall and spring semesters or once per year in either semester. (a) means the course is offered in alternate years.

Note: See college catalog for list of Physical Activity courses.