



Mathematics

Advising Worksheet

2016-2017

Augustana College
Education Department

Name:	ID#:
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Major:
Minor:

Major Advisor:

Date	Notes

Discussion Points:

3.0 GPA	College Writing (FYI-101 or equivalent)* C- or better
Basic Skills Testing: ACT, SAT or TAP (See p4 for requirements)	ISBE Rule – no grade below a C in any required courses.
	PSYC-214, HIST-13x, POLS-101
Content Test before student teaching	All EDUC courses* (not more than 2 below B-)
Augie Choice: Study Abroad or Student Teaching	*If the grade is below B-, a plan of improvement is required.
Program Evaluation	IA Licensure: edTPA score of 41 or else Praxis content & pedagogy.
edTPA – required for licensure Cost = \$300	

Illinois certification qualifies teaching in Mathematics

Course Number		Course Name	Credits
	MATH-219Q*	Calculus I	3
	MATH-220Q	Calculus II	3
	MATH-230	Discrete Mathematics	3
	MATH-315	Probability and Statistics I	3
	MATH-329	Linear Algebra	3
	MATH-340	Abstract Algebra	3
	MATH-350	Modern Geometry	3
	MATH-411	Real Analysis	3
	CSC-211	Introduction to Computer Science I	3
	MATH-270	SI Tools of Inquiry	2
TOTAL CREDITS			29

NOTE: Students will earn a MATH degree in addition to this EDMA degree if they fulfill the following requirements:

1. Consult your mathematics department advisor for more details.
2. MATH-221: Calculus III*
3. Complete a seminar inquiry project with significant mathematical content (MATH477 or REU)
4. MATH-479: SI Presentation

***When a candidate is “placed” into and passes Calculus II, they do not have to take Calculus I.**

Notes:

[illegible]

Math – Tentative Schedule

FALL		WINTER		SPRING		SUMMER		Take...	
FYI 101	3	FYI 102	3	FYI 103	3			PSYC-100	
MATH 219	3	MATH 220	3	MATH 221****	3			POLS-101	
								HIST-13x	
								Foreign Lang.	
								PA	
								PE, PE	
Total Credits		Total Credits		Total Credits		Total Credits			
		EDUC 300 <small>Educ. Psychology</small>	3	EDUC 330* <small>Assess Learning</small>	3			RELG 201, 203, 205, 207 or 209	
		PSYC 214 <small>Adolescent Dev</small>	3	MATH 329	3				
MATH 230	3	MATH 270	2					PN/I	
		MATH 315	3						
Basic Skills Test*		TB Test*						*Linked to EDUC 300	
Total Credits		Total Credits		Total Credits		Total Credits			
EDUC 380 <small>General Methods</small>	3			EDUC 384 <small>Math Methods</small>	3				
EDUC 340* <small>Inclusion</small>	3	EDUC 310 <small>Computers</small>	2						
EDUC412 *** <small>Reading</small>	3	EDUC 396** <small>Middle Sch Clin</small>	1	EDUC 397** <small>HS Clinical</small>	1				
		MATH 411	3	MATH 350	3				
MATH 340	3								
				Content Test before ST					
Total Credits		Total Credits		Total Credits		Total Credits			
EDUC 422 <small>Seminar</small>	1	EDUC 450 <small>School and Society</small>	3						
INTR-EDA90 <small>Student Teaching</small>	9			MATH SI****	4				
		APT before graduation							
Total Credits		Total Credits		Total Credits		Total Credits			

*If EDUC-300 is taken in fall instead of winter, then 330 and 340 should also move up a term.

****If Student Teaching is in winter, then clinicals move back to spring and fall.**

***EDUC412 should not be taken before EDUC380, but must be taken before Student Teaching

**** If you are a Math + Teaching Math major

General Education Requirements & Education Required Supporting Courses

		Perspectives on the Arts (PA) THEA-141 or THEA-240 Recommended	
EDUC-450	MATH-350	Perspectives on Human Existence and Values (PH) EDUC-450 Required; ENGL-237, RELG-326, or RELG-327 Recommended	
PSYC-100	POLS-101	Perspectives on Individuals and Society (PS) Psyc-100 and POLS-101 Required POLS101AP does not count toward Perspectives but does count toward Education requirements	
		Perspectives on Literature and Texts (PL)	
HIST-		Perspectives on the Past (PP) HIST-130, -131, -132, -335, -373 or upper division US History REQUIRED. US HIST AP <i>does not</i> count toward Perspectives but <i>does</i> count toward Education	
		Perspectives on the Natural World (PN)	
Please Note: In the above courses, the second course in 3 of the Perspectives must be a different subject code from the first. No more than 2 courses with the same subject code overall can count toward the Perspectives group.			
		HEPE: 2 activity courses	
		Learning Community (HONR-220, 221, 222 or international term qualify)	
	Christian Traditions: RELG-201(PS), 203(PH), 205(PP), 207(PL) or 209(PH) or Logos/Foundations with RELG professor		
MATH-219	Quantitative Reasoning (Q)		Diversity (D)
	PSYCH-214 (Pre-requisite for EDUC-340)		Global (G)
		Foreign Language (9 hours equivalent)	

Professional Sequence (35 Credits)

- ☐ EDUC-300 Educational Psych & Measurement (3)
- ☐ EDUC-330 Assessing Learning (3)
- ☐ EDUC-340 Methods of Inclusion (3)
- ☐ EDUC-310 Computers in Education (2)
- ☐ EDUC-380 Secondary: General Methods (3)
- ☐ EDUC-384 Methods 6-12 Math (3)
- ☐ EDUC-396 Clinical Experience 6-8 (1)
- ☐ EDUC-397 Clinical Experience 9-12 (1)
- ☐ EDUC-412 Methods 6-12 Literacy (3)
- ☐ INTR-EDA90 Student Teaching 6-12 (9)
- ☐ EDUC-422 Classroom Management Seminar (1)
- ☐ EDUC-450 School and Society (3)

Illinois Teacher Testing Requirements

- ☐ **Basic Skills Test** (required to enter the program)
TAP: Pass each of the 4 subtests
ACT Plus Writing's minimum scores
 - through 8/30/15: 22 with 19 on English/Writing
 - 9/1/15 – 8/30/16: 22 with 16 on Writing
 - starting 9/1/16: 22 with 6 on Writing**SAT's** minimum scores
 - through 2/29/16: 1030 (CR+Math) with 450 on Writing
 - starting 3/1/16: 1110 (ERW+Math) with 26 on Writ/Lang
- ☐ **Content Test** (required before student teaching; required for program completion)
- ☐ **edTPA** Completed during Student Teaching (Required for licensure)

Program Deviations: