

121 Hour Course Planning Guide, BS, Mathematics Education Concentration

It is recommended that you take the PRAXIS mathematics content test at the end of your junior year. Take the PLT and mathematics pedagogy tests at the end of the first semester of your senior year. MATH 4200 and MATH 4400 require Milestone II status.

First Year Fall

ENG 1010 English Composition I	3
Social/Behavioral Science	3
APSU 1000 Liberal Arts in Univ. Life	1
MATH 1910 Calculus & Analytical Geometry	5
Humanities / Fine Arts	<u>3</u>
	15

First Year Spring

ENG 1020 English Composition II	3
Science/Lab	4
COMM 1010 Public Speaking	3
MATH 1920 Calculus & Analytical Geometry	<u>5</u>
	15

Second Year Fall

Science/Lab	4
MATH 2110 Calculus	3
EDUC 2100 Foundations of Education	2
Humanities / Fine Arts	3
CSCI 1010 Introduction to Programming	<u>3</u>
	15

Second Year Spring

ENG 2030 English Literature	3
MATH 3250 Statistical Methods I	3
PSY 3130 Introduction to Educational Psychology	3
History	3
MATH 3000 Discrete Mathematics	<u>3</u>
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Third Year Fall

SPED 3000 Introduction to Special Education	3
MATH 3010 Intro to Mathematical Reasoning	3
MATH 4010 History of Mathematics	3
MATH 4110 Number Theory	3
MATH 4450 Mathematical Models	<u>3</u>
	15

Third Year Spring

Social/Behavioral Science	3
MATH 3630 College Geometry	3
MATH 3450 Linear Algebra	3
EDUC 3070 Instructional Strategies	3
EDUC 4270 Evaluation and Assessment	3
History	<u>3</u>
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Fourth Year Fall

MATH 4240 Probability	3
EDUC 4160 Teaching Diverse Students	3
MATH 4400 Teaching Secondary Mathematics	3
MATH 4200 Math Content/Pedagogy Middle Sch	3
MATH 4810 Senior Seminar	1
EDUC 4080 Classroom Org/Management	<u>3</u>
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Fourth Year Spring

EDUC 4610 Student Teaching: Grades 7-8	5
EDUC 4710 Student Teaching: Grades 9-12	5
EDUC 4950 Teaching Seminar	<u>2</u>
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This sequence assumes the student comes in prepared to enrolled in MATH 1910, Calculus and Analytical Geometry. It is recommended you take the Mathematics Content Praxis 061 near the end of your third year.

Course Selection Worksheet

CRN	Subject	Crs #	Sec #	Credits	Time	Mon	Tues	Wed	Thurs	Fri	Sat	Location

Fall Spring Summer I Summer II Year _____

Student Name: _____ ID: _____

Advisor Signature _____ Alternate PIN: _____

Advisor Comments: _____

For more information on the Secondary Mathematics concentration, please visit: <http://www.apsu.edu/mathematics>.