

# 0561 - Math Education 5 - Adult for Candidates Beginning

## CURRICULUM SHEET

Effective Spring 2016 (Enrolled \_\_\_\_\_)

*Please keep this status sheet updated, record your grades for each course completed, and bring this with you when you see your advisor for scheduling or have questions about your program*

<b>NAME:</b>	<b>PHONE No.</b>	<b>CELL:</b>
<b>ADDRESS:</b>	<b>EDUCATION and</b>	
<b>City/State/Zip</b>	<b>CONTENT ADVISOR:</b>	
<b>Student ID No.</b>	<b>E-MAIL:</b>	

Content Specialization (55-56 Hrs)	Professional Education Core (43 Hrs)	
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Courses	HR	GR	SEM/YR	Courses	HR	GR	SEM/YR
MATH 120 College Algebra <b>AND</b>	3	—	—	EDUC 200 Foundations of Ed. <b>OR</b>	3	—	—
MATH 102 Plane Trigonometry <b>OR</b>	3	—	—	EDUC 290 Adv. Fdn of Ed. Required for All New Transfer Students	1	—	—
MATH 121 Pre-Calculus	4	—	—	EDUC 201 Human Growth & Dev.**	3	—	—
MATH 103 Prob Solving & Number Sense	3	—	—	EDUC 202 Ed. Psych & Learn	3	—	—
MATH 205 Discrete Math	3	—	—	EDUC 227 Except/Diversity	3	—	—
MATH 206 Anal. Geom. & Cal. I**	4	—	—	<b>EDUC 300 Ed. Technology</b>	3	—	—
MATH 207 Anal. Geom. & Cal. II	4	—	—	<b>EDUC 316 Integrated Methods</b>	4	—	—
MATH 208 Anal. Geom. & Cal. III	4	—	—	<b>EDUC 319 Content Literacy**</b>	3	—	—
MATH 222 Elem Stat for Math & Natural Sci	3	—	—	<b>EDUC 331 Curriculum for Special Education</b>	3	—	—
MATH 300 Intro. to Geometry	3	—	—	<b>EDUC 426 Creating Learning Communities</b>	3	—	—
MATH 307 Linear Algebra	3	—	—	<i>(Enrollment for these courses requires passing scores on all three sections of PRAXIS One Core Test)</i>			
MATH 308 Intro. to Modern Abstract Algebra	3	—	—	<b>EDUC 480 Student Teaching</b>	15	—	—
MATH 309 Intro to History of Math	4	—	—	<i>(Enrollment for student teaching requires passing scores on PRAXIS Two Content Test)</i>			
<b>MATH 408 Senior Math Seminar</b>	<b>2</b>	—	—	<b>Professional Education Capstone is the SCOPE</b>			
MATH 411 Teaching Math	3	—	—				
<b>Computer Science</b>				<b>General Education Core (39-41 Hrs)</b>			
CS 101 Programming Fundamentals	3	—	—	<b>Courses</b>	<b>HR</b>	<b>GR</b>	<b>SEM/YR</b>
<b>Electives</b>				<b>TIER I</b>			
Elective	7	—	—	Gen Ed 101 First Year Experience	3	—	—

**Courses marked with asterisks (\*\*) are listed more than once to fulfill the Department of Education requirements for content specialization, professional education and general education.**

**\*\*These Courses are: Educ 201 & 319**

**Boldface Course(s) Meets the Academic Capstone Requirement for this Content Specialization**

**Math Education majors will need to take additional semester hours of electives to meet the required 120 hours to graduate.**

\*See other side for list of courses to meet these requirements. Take additional hours if needed to meet Minimum Hours Required: 121

<p align="center"><b>A. Arts (3 cr.)</b></p>	<p align="center"><b>B. Humanities (3 cr.)</b></p>
<p>ART 101: Studio I - Introduction to Art  ART 101H: Studio I – Introduction to Art (Honors)  COMM 170: The Art of the Theater  MUSIC 107: Appreciation of Music</p>	<p>ART 100: Art Appreciation  COMM 140: Film Appreciation  COMM 140H: Film Appreciation (Honors)  MUSC 104: American Music: A Panorama  <b><u>*ENGL 150: Introduction to Literature OR</u></b>  <b><u>*ENGL 150H: Introduction to Literature (Honors)</u></b></p> <p align="center"><i>*The ENGL 150 course is required for candidates in  ELEMENTARY ED or ENGLISH ED only.  All other candidates may choose from the Gen Ed Humanities courses.</i></p>
<p align="center"><b>C. International Perspectives (3 cr.)</b></p>	<p align="center"><b>D. History (3 cr.)</b></p>
<p>COMM 446: International Cinema  INTS 210: Introduction to International Perspectives  INTS 250: Diversity in Africana Studies  ENGL 350: World Literature: Classical Era  ENGL 351: World Literature: Modern Era  ENGL 440: Interpreting the Holocaust  FREN 101: Beginning French  FREN 102: Elementary French  FREN 205: A View of Changing Culture  FREN 443: West African Culture  GERM 101: Beginning German  GERM 102: Elementary German  SPAN 101: Beginning Spanish  SPAN 102: Elementary Spanish  SPAN 205: Spain and its Culture  POSC 210: International Relations  POSC 415: Arab Middle East  PHIL 308: World Religions</p> <p><b><u>EDUC 319: Content Area Literacy (Sec. Ed. Only)</u></b>  <b><u>EDUC 321: Teaching Writing in the Elementary School</u></b>  <b><u>(Elem. Ed. Only)</u></b></p>	<p>HIST 201: World History  HIST 201H: World History (Honors)  HIST 202: World History  HIST 207: American History to 1865  HIST 208: American History from 1865</p> <p align="center"><b>F. Social Science (3 cr.)</b></p> <p>BA 210: Business Law  BA 312: Personal Finance  ECON 101: American Economy  POSC 100: Introduction to Government and Politics  POSC 101: American National Government  POSC 101H: American National Government (Honors)  PYSC 151: General Psychology  SOC 101: Introduction to Sociology  SOC 305: Birth, Death, and Migration</p> <p><b><u>EDUC 201: Human Growth and Development</u></b></p>
<p align="center"><b>E. Natural Science * (3 – 4 cr.)</b></p>	<p align="center"><b>G. Scientific Reasoning * (3-4 cr.)</b></p>
<p>BIOL 101: Principles of Biology (4 cr.)  BIOL 101H: Principles of Biology (Honors) (4 cr.)  BIOL 108: Environmental Biology (4 cr.)  BIOL 110: Economic Biology (4 cr.)  BIOL 120: Fundamentals of Biology (4 cr.)  CHEM 100: Consumer Chemistry (3 cr.)  CHEM 100H: Consumer Chemistry (Honors) (3 cr.)  PHYS 101: Physical Science Survey I (3 cr.)  PHYS 102: Physical Science Survey II (4 cr.)  PHYS 103: Elements of Physical Science (3 cr.)  PHYS 106: Introduction to Physical Geology (4 cr.)  PHYS 107: Historical Geology (4 cr.)  PHYS 110: Weather and Climate (4 cr.)  PHYS 111: Energy and the Environment (4 cr.)  PHYS 120: Astronomy (3 cr.)  PHYS 121: Astronomy Lab (1 cr.)</p>	<p>BIOL 101: Principles of Biology (4 cr.)  BIOL 101H: Principles of Biology (Honors) (4 cr.)  BIOL 108: Environmental Biology (4 cr.)  BIOL 110: Economic Biology (4 cr.)  BIOL 120: Fundamentals of Biology (4 cr.)  CHEM 100: Consumer Chemistry (3 cr.)  CHEM 100H: Consumer Chemistry (Honors) (3 cr.)  PHYS 101: Physical Science Survey I (3 cr.)  PHYS 102: Physical Science Survey II (4 cr.)  PHYS 103: Elements of Physical Science (3 cr.)  PHYS 106: Introduction to Physical Geology (4 cr.)  PHYS 107: Historical Geology (4 cr.)  PHYS 110: Weather and Climate (4 cr.)  PHYS 111: Energy and the Environment (4 cr.)  PHYS 120: Astronomy (3 cr.)  PHYS 121: Astronomy Lab (1 cr.)</p>
<p align="center"><b>H. Wellness (2 cr.)</b></p>	
<p align="center">HHP 122: Fitness for Living  HHP 157: Healthy Living  HHP 157H: Healthy Living (Honors)  HHP 242: Team Sports II</p>	

**\*Courses taken for Scientific Reasoning (Tier I) and Natural Science (Tier II) MUST be different courses**