

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

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

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 AND	3	—	—	EDUC 200 Foundations of Ed. OR	3	—	—				
MATH 102 Plane Trigonometry OR	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 (Fall)	3	—	—	EDUC 227 Except/Diversity	3	—	—				
MATH 206 Anal. Geom. & Cal. I**	4	—	—	EDUC 300 Ed. Technology EDUC 316 Integrated Methods EDUC 319 Content Literacy** EDUC 331 Curriculum for Special Education EDUC 426 Creating Learning Communities <i>(Enrollment for these courses requires passing scores on all three sections of PRAXIS One Core Test)</i> EDUC 480 Year-Long Teacher Residency <i>(Enrollment for student teaching requires passing scores on PRAXIS Two Content Test)</i>	3	—	—				
MATH 207 Anal. Geom. & Cal. II	4	—	—		3	—	—				
MATH 208 Anal. Geom. & Cal. III	4	—	—		4	—	—				
MATH 222 Elem Stat for Math & Natural Sci	3	—	—		3	—	—				
MATH 300 Intro. to Geometry (Fall)	3	—	—		3	—	—				
MATH 307 Linear Algebra (Fall)	3	—	—		3	—	—				
MATH 308 Intro. to Modern Abstract Algebra (Spring)	3	—	—		15	—	—				
MATH 309 Intro to History of Math (Fall)*even numbered years	4	—	—		Professional Education Capstone is the SCOPE						
MATH 408 Senior Math Seminar (Spring)	2	—	—		General Education Core (39-41 Hrs)						
MATH 411 Teaching Math	3	—	—		Courses						
Computer Science				TIER I							
CS 101 Programming Fundamentals	3	—	—	Gen Ed 101 First Year Experience	3	—	—				
Electives				ENGL 101 English Composition I	3	—	—				
Elective	7	—	—	ENGL 102 English Composition II	3	—	—				
<p>Courses marked with asterisks (**) are listed more than once to fulfill the Department of Education requirements for content specialization, professional education and general education.</p> <p>**These Courses are: Educ 201 & 319</p> <p>Boldface Course(s) Meets the Academic Capstone Requirement for this Content Specialization</p> <p>Math Education majors will need to take additional semester hours of electives to meet the required 120 hours to graduate.</p> <p>The semester prior to enrollment in <u>EDUC 480</u> requires a full semester of residency in the assigned school</p>				ENGL 201 Effective Communications OR	3	—	—				
				COMM 100 Speech Communications	—	—	—				
				MATH 206 Anal. Geom. & Calculus 1**	4	—	—				
				Scientific Reasoning*	3-4	—	—				
				<p>TIER II (See Reverse Side)</p>				Arts*	3	—	—
								Humanities	3	—	—
								Int. Perspectives (EDUC 319)**	3	—	—
								History*	3	—	—
								Natural Science*	3-4	—	—
								Social Science (EDUC 201)**	3	—	—
Wellness*	2	—	—								
<p>Or IDS Course for two TIER II classes</p>											

*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">A. Arts (3 cr.)</p>	<p align="center">B. Humanities (3 cr.)</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 <u>*ENGL 150: Introduction to Literature OR</u> <u>*ENGL 150H: Introduction to Literature (Honors)</u></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">C. International Perspectives (3 cr.)</p>	<p align="center">D. History (3 cr.)</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><u>EDUC 319: Content Area Literacy (Sec. Ed. Only)</u> <u>EDUC 321: Teaching Writing in the Elementary School</u> <u>(Elem. Ed. Only)</u></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">F. Social Science (3 cr.)</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><u>EDUC 201: Human Growth and Development</u></p>
<p align="center">E. Natural Science * (3 – 4 cr.)</p>	<p align="center">G. Scientific Reasoning * (3-4 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>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">H. Wellness (2 cr.)</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**