

Whitlowe R. Green College of Education, Prairie View A&M University  
Department of Curriculum and Instruction, Interdisciplinary Studies, Mathematics 4-8

Student's Name \_\_\_\_\_ ID Number \_\_\_\_\_ Advisor \_\_\_\_\_

**1. – 6. University Core (42 SCH)**

1. Communication <span style="float: right;">9 SCH</span>				
Course	Title	SCHs	Grade/ Points	Semester Completed
ENGL 1123	Freshman Comp I			
ENGL 1133	Freshman Comp II			
ENGL 1143	Technical Writing			
ENGL 2143	Advanced Comp			
SPCH 1003	Fund of Spch Comm			
		9		

2. Mathematics <span style="float: right;">3 SCH</span>				
Course	Title	SCHs	Grade/ Points	Semester Completed
MATH 1113	College Algebra			
MATH 1123	Trigonometry			
MATH 1124	Calculus & Geom I			
MATH 1153	Finite Math			
MATH 2003	Elementary Statistics			
MATH 2024	Calculus & Analytical Geom II			
MATH 2034	Analytical Geom III			
Students with math exemptions or Advanced Placement Algebra/	Next advised math course			
		3		

3. Natural Sciences <span style="float: right;">6 SCH</span>				
Course	Title	SCHs	Grade/ Points	Semester Completed
BIOL 1113	College Biology I			
BIOL 1123	College Biology II			
CHEM 1013	Gen. Inorganic Chemistry I			
CHEM 1023	Gen. Inorganic Chemistry II			
CHEM 1053	Intro to Gen. Chemistry			
CHEM 1063	Organic Chemistry			
PHSC 1123	Physical Science Survey I			
PHSC 2123	Physical Science Survey II			
PHYS 2113	General Physics I			
PHYS 2123	General Physics II			
PHYS 2513	University Physics I			
PHYS 2523	University Physics II			
		6		

4. Humanities & Visual & Performing Arts <span style="float: right;">6 SCH</span>				
<i>Humanities Options.....3 SCH</i>				
Course	Title	SCHs	Grade/ Points	Semester Completed
DRAM 2213	Afro American Theatre I			
DRAM 2223	Afro American Theatre II			
ENGL 2153	Introduction to Literature			
ENGL 2263	English Literature I			
ENGL 2273	English Literature II			
FINA 2103	Personal Financial Mgmt Leadership & Ethnics in Bus			
MGMT 2203				
MUSC 1223	Fundamentals of Music			
MUSC 2333	Afro American Music			
PHIL 2013	Introduction to Philosophy			
PHIL 2023	Ethics			
<i>Visual &amp; Performing Arts Options...3 SCH</i>				
ARCH 1253	Arch Design I			
ARCH 2233	History of Arch I			
ARCH 2243	History of Arch II			
ARTS 1203	Introduction to Visual Arts			
ARTS 2223	History of Art I			
ARTS 2233	History of Art II			
ARTS 2283	Afro-American Art			
DRAM 1103	Introduction to Theatre			
DRAM 2113	Theatre History I			
DRAM 2123	Theatre History II			
DESN 1123	Design I			
DESN 2113	Design Illustration			
MUSC 1313	Music in Contemporary Life			
MUSC 1213	Fundamentals of Music			
		6		

Admission to the Teacher Education Program requires a Grade Point Average (GPA) of 2.5 or higher for the 42 semester hours in the University Core courses and a score of 230 or higher in reading on THEA.

5. Social & Behavioral Sciences <span style="float: right;">15 SCH</span>				
<i>History (6 SCH) and Political Science Options (6 SCH)</i>				
Course	Title	SCHs	Grade/ Points	Semester Completed
HIST 1313	U.S. to 1876			
HIST 1323	U.S. 1876 to Present			
HIST 1333	History of Texas			
POSC 1113	American Government I			
POSC 1123	American Government II			
<i>Other Behavioral or Social Science Options..3 SCH</i>				
CRJS 1123	Crime in America			
CRJS 1133	Principles of Criminal Justice			
CRJS 2223	Prevention and Control			
ECON 2113	Principles of Microeconomics			
ECON 2123	Principles of Macroeconomics			
GEOG 2633	Cultural Geography			
HIST 1813	Survey of Civilization I			
HIST 1823	Survey of Civilization II			
HDFM 2513	Childhood Disorders			
HDFM 2533	Contemporary Family			
POSC 2213	Blacks in American Pol Sys			
POSC 2503	Introduction to Global Issues			
PSYC 1113	General Psychology			
PSYC 2213	Mental Hygiene			
PSYC 2323	Child Psychology			
PSYC 2413	Fundamentals of Statistics I			
PSYC 2513	Psychology of Personality			
SOCG 1013	General Sociology			
SOCG 2003	Minorities in American Society			
SOCG 2013	The Family			
		15		

6. Computing <span style="float: right;">3 SCH</span>				
Course	Title	SCHs	Grade/ Points	Semester Completed
ARCH 1273	Intro to Multimedia Comp			
COMP 1003	Intro to Computer Education			
COMP 1013	Intro to Computer Science			
COMP 1143	C++ Programming Language			
COMP 1213	Computer Science I			
CPET 1013	Computer Application I			
ELEG 1043	Comp Appl in Engineering			
MISY 1013	Intro to Computer Info Sys			
MISY 2153	VB Net Application in Bus			
		3		

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4 – 8 Mathematics Major Requirements		27 SCH		
Course	Title	SCHs	Grade/ Points	Semester Completed
MATH 1123	Trigonometry	3		
MATH 1153	Finite Mathematics	3		
MATH 2003	Elementary Statistics	3		
MATH 2153	Calculus	3		
MATH 2183	Informal Geometry	3		
MATH 3103	History of Mathematics	3		
MATH 3163	Math Investigations	3		
MATH 4003	Math Modeling & App	3		
MATH 4053	Foundations	3		
		27		

Interdisciplinary Major Requirements		33 SCH		
Course	Title	SCHs	Grade/ Points	Semester Completed
MATH 2163	Structure of Number System	3		
MATH 3003	Math in Elementary School	3		
PHSC 4013	Science of Everyday Things	3		
BIOL 1034	Botany	4		
HLTH 2003	Personal Health	3		
	Introduction to Special Children	3		
GEOG 3723	World Regional Geography	3		
	Evaluation of Reading Performance	3		
RDNG 3603	Developmental Reading	3		
BIOL 1111*	College Biology Lab	1		
PHSC 1121*	Physical Science Survey Lab	1		
HUPF 1151	Low Organized Games	1		
HUPF	Elective	1		
HUPF	Elective	1		
		33		

\*Or labs corresponding to the 6 Core hours of science on page 1, Section 3. Natural Sciences

**NOTE: Must be admitted into Teacher Education before you can be enrolled in the CUI courses.**

Professional Education Requirements		18 SCH		
Course	Title	SCHs	Grade/ Points	Semester Completed
CUIN 3003	Educational Foundations	3		
CUIN 3013	Educational Psychology	3		
CUIN 4103	Instruction Planning and Assessment	3		
	Instruction Methods and Classroom Management	3		
CUIN 4416	Advised Student Teaching	6		
		18		

**Grand Total: 120**

### Certification Requirements

1. Complete all coursework on your degree plan with a GPA of  $\geq 2.50$ .
2. No grades of "D" in your major or concentration areas.
3. Complete Student Teaching.
4. Pass the required State Content exam(s) – TExES.
5. Pass the required Pedagogy exam(s) – TExES.
6. Fill out an application in the Office of Certification (Delco, Room 302).
7. Pay the required fees.