



CORE CURRICULUM REQUIREMENT	42 s.h. REQ'D	COURSE				42 s.h.	RESTRICTIONS &/OR REMARKS	
			INSTITUTION	LD	UD			
English Composition	6	ENGL 1301				6		
		ENGL 1302						
U.S. History	6	HIST 1301				6		
		HIST 1302						
Political Science	6	PSCI 2301				6		
		PSCI 2302						
Natural Sciences	6	Natural Science				6	BIOL, CHEM, GEOL, PHYS or Bio/Physical Sciences	
		Natural Science						
Mathematics	3	MATH 1314				3	College Algebra or equivalent	
Social/Behavioral Sciences	3					3	ANTH, ECON, GEOG, PSYC, POLS, or SOCI	
Visual/Performing Arts	3					3	ARTS, MUSI, or DRAM	
Humanities	3					3		
LD - Institutionally Designated Option	6	SPCH				6	SPCH 1311, 1315, 1318 or 1321 COSC 1301 or 1401, or BCIS 1305	
		Computer Literacy						
UHV - Institutionally Designated Option for BA Degree Objective	10	ENGL 3430*				10	Professional Writing 6 s.h. intermediate (sophomore) level in the same foreign language.	
		SPCH						CORE
		Computer Literacy						CORE
		Foreign Language						
		Foreign Language						
Secondary Mathematics Teacher Certification* and MATH LD Pre-reqs	20	MATH 2413*				20	8 s.h. of Calculus 4 s.h. from Calculus III or Differential Equations 4 s.h. of C/C++ programming 4 s.h. Java, Adv. C/C++ (preferred)	
		MATH 2414*						
		MATH 2415 or 2420*						
		COSC 1436*						
		COSC 1437*						
MATH UD General Requirements	21	MATH 3347*				21	Operations Research Linear Algebra Probability & Statistics Fundamental Concepts of Analysis Numerical Analysis Probability & Statistics II Modern Algebra	
		MATH 3361*						
		MATH 3391*						
		MATH 4310*						
		MATH 4378*						
		MATH 4391*						
Secondary Mathematics Teacher Certification* and MATH UD Major Requirements	18	MATH 3362*				18	Discrete Structures Introduction to Higher Geometry History of Mathematics 9 s.h. of UD mathematics (MATH or computer science (COSC) courses by advisement. Must be Upper Division (excluding MATH courses not offered by the School of A & S MATH program.	
		MATH 3357*						
		MATH 3343*						
		COSC or MATH*						
		COSC or MATH*						
Secondary Teacher Certification (Professional Development/Education)	24	CUIN 3323*				24	Instructional Design Secondary Teaching Strategies Educational Technology Content Area Reading and Study Skills Child Development & App. to Learning Secondary School Student Teaching Educational Foundations for Teaching	
		CUIN 4313*						
		CUIN 3327*						
		LITY 4364*						
		INDS 3323*						
		SEDU 4303*/ 4304*						
		FEDU 3321*						

PROJECTED TOTALS:		67	135	*ALL UHV courses must be a grade of "C" or better.
MINIMUM REQUIREMENTS:		67	135	

NOTES:

s.h. = semester hours

LD = Lower Division (Community College-Level: Freshman, 1000-level /Sophomore, 2000-level)

UD = Upper Division (University-Level: Junior, 3000-level /Senior, 4000-level)

The student is responsible for fulfilling all requirements on this degree plan.

Student must earn a grade of C or better in any course, including lower division ones, that is a prerequisite to any upper division computer science or math course they take in the program. In particular, students may not transfer in any course in computer science or math with a grade of D or F.

Substitutions in this degree plan must be approved by following the same procedures as for the degree. Forms are available on the Arts & Science web site.

If a minor is elected, minor requirements are satisfied in addition to any major requirements.

This document is official only when it bears all signatures.

Must meet minimum requirements: 120 s.h. overall, 54 s.h. UD, of which last 30 s.h. must be completed at UHV.

Computer Science and Math majors must receive a grade of C or higher in all COSC and MATH courses. Any course in which a student receives a D, F or W, must be repeated.