

STUDENT NAME: _____
 SID: _____

PRAIRIE VIEW A&M UNIVERSITY
 DEPARTMENT OF CHEMISTRY
 BACHELORS OF SCIENCE DEGREE PROGRAMS

CONCENTRATION

MUST HAVE A PASSING GRADE "D" +

1		COMMUNICATION (Composition, Speech, Modern Language)			9 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
ENGL 1123	Freshman Composition I (ENGL 1301, ENGL 1304)	3 SCH					
ENGL 1133	Freshman Composition II (ENGL 1302)	3 SCH					
ENGL 1143	Technical Writing (ENGL 2311, ENGL 2314, ENGL 2315)	3 SCH					
ENGL 2143	Advanced Composition (ENGL 1313)	3 SCH					
COMM 1003	Fundamentals of Speech Communication	3 SCH					
TOTAL HOURS			0				
2		MATH			3 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
MATH 1113	College Algebra	3 SCH					
MATH 1115	Algebra/trigonometry	5 SCH					
MATH 1123	Trigonometry	3 SCH					
MATH 1124	Calculus with Analytic Geometry I	4 SCH					
MATH 1153	Finite Mathematics	3 SCH					
MATH 2003	Elementary Statistics	3 SCH					
MATH 2024	Calculus with Analytic Geometry II	4 SCH					
TOTAL HOURS			0				

3		NATURAL SCIENCES			6 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
BIOL 1113	College Biology (BIOL 1305)	3 SCH					
BIOL 1123	College Biology	3 SCH					
BIOL 1054	Anatomy and Physiology	4 SCH					
BIOL 1064	Anatomy and Physiology	4 SCH					
CHEM 1013	General Inorganic Chemistry I (CHEM 1143)	3 SCH					
CHEM 1023	General Inorganic Chemistry II (CHEM 1243)	3 SCH					
CHEM 1033	General Inorganic Chemistry	3 SCH					
CHEM 1053	Introduction to General Chemistry (CHEM 1103)	3 SCH					
PHSC 1123	Physical Science I (PHYS 1315)	3 SCH					
PHSC 2123	Physical Science II	3 SCH					
PHYS 2113	General Physics I (PHYS 1401)	3 SCH					
PHYS 2123	General Physics II (PHYS 1402)	3 SCH					
PHYS 2513	University Physics I (PHYS 2425)	3 SCH					
PHYS 2523	University Physics II (PHYS 2426)	3 SCH					
TOTAL HOURS			0				

BIOM	TOTAL DEGREE HOURS	120		
	TOTAL CORE	0	42	42
	TOTAL MAJOR	0	36	36
	TOTAL SUPPORT	0	27	27
	TOTAL RESTRICTIVE ELECTIVES	0	9	9
	TOTAL FOREIGN LANGUAGE	0	6	6
	NEED SCH	120	120	120

CORE CURRICULUM

4		HUMANITIES / VISUAL & PERFORMING ARTS			6 SCH		
		A. HUMANITIES OPTION			3 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
DRAM 2213	African American Theatre I	3 SCH					
DRAM 2223	African American Theatre II	3 SCH					
ENGL 2153	Introduction to Literature (ENGL 2333)	3 SCH					
ENGL 2263	English Literature to 1800 (ENGL 2322)	3 SCH					
ENGL 2303	Introduction to Film	3 SCH					
FINA 2103	Personal Financial Management and Planning	3 SCH					
MGMT 2203	Leadership and Ethics in Business	3 SCH					
MUSC 1223	Fundamentals of Music (MUSI 1302, MUSI 1306)	3 SCH					
MUSC 2333	Afro-American Music	3 SCH					
PHIL 2013	Introduction to Philosophy (PHIL 1301)	3 SCH					
PHIL 2023	Ethics (PHIL 2306)	3 SCH					
TOTAL HOURS			0				

		B. VISUAL & PERFORMING ARTS OPTION			3 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
ARCH 1253	Architecture Design I (ARCH 1303)	3 SCH					
ARCH 2233	History and Theory of Architecture I (ARCH 1301)	3 SCH					
ARCH 2233	History and Theory of Architecture II (ARCH 1302)	3 SCH					
ARTS 1203	Introduction to the Visual Arts (HUMA 1315)	3 SCH					
ARTS 2223	History of Art I (Arts 1303)	3 SCH					
ARTS 2283	Afro-American Art	3 SCH					
DRAM 1103	Introduction to Theatre (Dram 1310)	3 SCH					
DRAM 2213	African American Theatre I	3 SCH					
DRAM 2223	African American Theatre II	3 SCH					
ENGL 2153	Introduction to Literature (ENGL 2333)	3 SCH					
ENGL 2263	English Literature to 1800 (ENGL 2322)	3 SCH					
ENGL 2273	English Literature II (ENGL 2323)	3 SCH					
ENGL 2303	Introduction to Film	3 SCH					
FINA 2103	Personal Financial Management and Planning	3 SCH					
MGMT 2203	Leadership and Ethics in Business	3 SCH					
MUSC 1223	Fundamentals of Music (MUSI 1302, MUSI 1306)	3 SCH					
MUSC 2333	Afro-American Music	3 SCH					
MUSC 1313	Music in Contemporary Life						
TOTAL HOURS			0				

TRAD	TOTAL DEGREE HOURS	120		
	TOTAL CORE	0	42	42
	TOTAL MAJOR	0	48	48
	TOTAL SUPPORT	0	19	19
	TOTAL RESTRICTIVE ELECTIVES	0	5	5
	TOTAL FOREIGN LANGUAGE	0	6	6
	NEED SCH	120	120	120

TOTAL HOURS NEEDED 42

5		SOCIAL AND BEHAVIORAL SCIENCES			12 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
HIST 1313	US TO 1876 TO (HIST 1301)	3 SCH					
HIST 1323	1876 TO Present (HIST 1302, HIST 2301)	3 SCH					
POSC 1113	American Government I (GOVT 2301)	3 SCH					
POSC 1123	American Government II (GOVT 2302)	3 SCH					
TOTAL HOURS		0					
		OTHER BEHAVIORAL OR SOCIAL SCIENCES			3 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
CRJS 1123	Crime In America	3 SCH					
CRJS 1133	Principles of Criminal Justice (CRIJ 1301)	3 SCH					
ECON 2003	Fundamentals of Economics (ECON 2003)	3 SCH					
ECON 2113	Principles of Microeconomics (ECON 2302)	3 SCH					
ECON 2123	Principles of Microeconomics (ECON 2301)	3 SCH					
GEOG 2633	Culture Geography (GEOG 1301)	3 SCH					
HIST 1813	World Civilization to 1500 (HIST 2321)	3 SCH					
HIST 1823	World Civilization since 1500 (HIST 2322)	3 SCH					
HDFM 2513	Childhood Disorders	3 SCH					
HDFM 2533	The Contemporary Family in Cross-Cultural Perspective	3 SCH					
HDFM 2553	Human Development Life Span (PSYC 2312)	3 SCH					
POSC 2213	Blacks and the American Political System	3 SCH					
POSC 2503	Global Issues	3 SCH					
PSYC 1113	General Psychology (PSYC 2301)	3 SCH					
PSYC 2513	Personality (PSYC 2316)	3 SCH					
PSYC 2613	Stat for Pssychology I (PSYC 2413)	3 SCH					
SOCG 1013	General Sociology (SOCL 1301)	3 SCH					
SOCG 2003	Sociology of Minorities (SOCL 2319; SOCL 2320)	3 SCH					
SOCG 2013	Sociology of Families (SOCL 2301)	3 SCH					
TOTAL HOURS		0					

6		COMPUTING			3 SCH		
COURSE	DESCRIPTION	SCH	HRS	GRADE			
ARCH 1273	Introduction to Multimedia Computing (ARCH 1315)	3 SCH					
COMP 1003	Introduction to Computer Education (COSC 1300)	3 SCH					
COMP 1013	Introduction to Computer Science (COSC 1301)	3 SCH					
CPET 1013	Computer Application of Engineering Technology I (COSC 1300)	3 SCH					
ELEG 1043	Computer Application in Engineering (COSC 1300)	3 SCH					
MISY 1013	Introduction to Computer Information Systems (BCIS 1301)	3 SCH					
MISY 2153	VB Net Applications in Business (BCIS 1332)	3 SCH					
TOTAL HOURS		0					

FORE	TOTAL DEGREE HOURS	120		
	TOTAL CORE	0	42	42
	TOTAL MAJOR	0	45	45
	TOTAL SUPPORT	0	18	18
	TOTAL RESTRICTIVE ELECTIVES	0	9	9
	TOTAL FOREIGN LANGUAGE	6	6	0
	NEED SCH	114	120	114

BIOMEDICAL

Core Curriculum		42 SCH			0
Departmental Requirements (Foreign Language Elective (one language course))		6 SCH			6
MAJOR REQUIREMENTS		36 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
CHEM 1032	General Inorganic Chemistry Laboratory I	2 SCH			
CHEM 1033	General Inorganic Chemistry	3 SCH			
CHEM 1042	General Inorganic Chemistry Laboratory	2 SCH			
CHEM 1043	General Inorganic Chemistry	3 SCH			
CHEM 2012	Quantitative Analysis	2 SCH			
CHEM 2112	Quantitative Analysis Laboratory	2 SCH			
CHEM 2032	General Organic Chemistry Laboratory I	2 SCH			
CHEM 2033	General Organic Chemistry I	3 SCH			
CHEM 2042	General Organic Chemistry Laboratory II	2 SCH			
CHEM 2043	General Organic Chemistry II	3 SCH			
CHEM 3413	Physical Chemistry	3 SCH			
CHEM 3422	Physical Chemistry Laboratory	2 SCH			
CHEM 4033	Biochemistry	3 SCH			
CHEM 4051	Research (BIOL 4051)	1 SCH			
CHEM 4053	Instrumental Analysis	3 SCH			
SUPPORT		27 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
BIOL 1015	General Biology	5 SCH			
BIOL 1025	General Biology	5 SCH			
BIOL 3014	Human Physiology and Anatomy	4 SCH			
MATH 1124	Calculus with Analytic Geometry I	4 SCH			
MATH 2024	Calculus with Analytic Geometry II	4 SCH			
MATH 2003	Elementary Statistics	3 SCH			
PHYS 2111	General Physics Lab I or University Physics I (1 SCH			
PHYS 2121	General Physics Lab II or University Physics I	1 SCH			
RESTRICTIVE ELECTIVES		9 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
BIOL 1021	Biology Seminar	1 SCH			
BIOL 2054	Genetics	4 SCH			
BIOL 3024	Human Physiology and Anatomy II	4 SCH			
BIOL 3034	General Microbiology (BIOL 3064)	4 SCH			
CHEM 3023	Special Topics in CHEM involving themes: forensics science/emerging areas of interests in CHEM	3 SCH			
CHEM 3423	Physical Chemistry 3	3 SCH			
CHEM 3432	Physical Chemistry Laboratory	2 SCH			
CHEM 4001	Journal Reading and Chemical Literature	1 SCH			
CHEM 4052	Instrumental Analysis Laboratory	2 SCH			
CHEM 4061	Research	1 SCH			
CHEM 4063	Inorganic Chemistry	3 SCH			
					0

TRADITIONAL

Core Curriculum		42 SCH			0
Departmental Requirements (Foreign Language Elective (one language 6 SCH		6 SCH			6
MAJOR REQUIREMENTS		48 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
CHEM 1032	General Inorganic Chemistry Laboratory I	2 SCH			
CHEM 1033	General Inorganic Chemistry	3 SCH			
CHEM 1042	General Inorganic Chemistry Laboratory	2 SCH			
CHEM 1043	General Inorganic Chemistry	3 SCH			
CHEM 2012	Quantitative Analysis	2 SCH			
CHEM 2112	Quantitative Analysis Laboratory	2 SCH			
CHEM 2032	General Organic Chemistry Laboratory I	2 SCH			
CHEM 2033	General Organic Chemistry I	3 SCH			
CHEM 2042	General Organic Chemistry Laboratory II	2 SCH			
CHEM 2043	General Organic Chemistry II	3 SCH			
CHEM 3413	Physical Chemistry	3 SCH			
CHEM 3422	Physical Chemistry Laboratory	2 SCH			
CHEM 3423	Physical Chemistry	3 SCH			
CHEM 3432	Physical Chemistry Laboratory	2 SCH			
CHEM 4001	Journal Reading and Chemical Literature	1 SCH			
CHEM 4033	Biochemistry	3 SCH			
CHEM 4051	Research	1 SCH			
CHEM 4052	Instrumental Analysis Laboratory	2 SCH			
CHEM 4053	Instrumental Analysis	3 SCH			
CHEM 4061	Research	1 SCH			
CHEM 4063	Inorganic Chemistry	3 SCH			
SUPPORT		19 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
BIOL 1015	General Biology	5 SCH			
MATH 1124	Calculus with Analytic Geometry I	4 SCH			
MATH 2024	Calculus with Analytic Geometry II	4 SCH			
MATH 3014	Calculus III	4 SCH			
PHYS 2111	General Physics Lab I or University Physics I (2511)	1 SCH			
PHYS 2121	General Physics Lab II or University Physics I (2521)	1 SCH			
RESTRICTIVE ELECTIVES		5 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
BIOL 1021	Biology Seminar	1 SCH			
BIOL 3014	Human Physiology and Anatomy	4 SCH			
BIOL 3024	Human Physiology and Anatomy II	4 SCH			
BIOL 3034	General Microbiology	4 SCH			
CHEM 4023	Forensic Chemistry	3 SCH			
CHEM 4042	Biochemistry Lab	2 SCH			
CHEM 3023	Special Topics in Chemistry	3 SCH			
					0
TOTAL HOURS					0

FORENSICS

Core Curriculum		42 SCH			0
Departmental Requirements (Foreign Language Elective (one language course))		6 SCH			6
MAJOR REQUIREMENTS		45 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
CHEM 1032	General Inorganic Chemistry Laboratory I	2 SCH			
CHEM 1033	General Inorganic Chemistry	3 SCH			
CHEM 1042	General Inorganic Chemistry Laboratory	2 SCH			
CHEM 1043	General Inorganic Chemistry	3 SCH			
CHEM 2012	Quantitative Analysis	2 SCH			
CHEM 2112	Quantitative Analysis Laboratory	2 SCH			
CHEM 2032	General Organic Chemistry Laboratory I	2 SCH			
CHEM 2033	General Organic Chemistry I	3 SCH			
CHEM 2042	General Organic Chemistry Laboratory II	2 SCH			
CHEM 2043	General Organic Chemistry II	3 SCH			
CHEM 3413	Physical Chemistry	3 SCH			
CHEM 3422	Physical Chemistry Laboratory	2 SCH			
CHEM 4001	Journal Reading and Chemical Literature	1 SCH			
CHEM 4023	Forensic Chemistry 3	3 SCH			
CHEM 4032	Forensic Chemistry Laboratory	2 SCH			
CHEM 4033	Biochemistry	3 SCH			
CHEM 4051	Research	1 SCH			
CHEM 4053	Instrumental Analysis	3 SCH			
CHEM 4063	Inorganic Chemistry	3 SCH			
SUPPORT		18 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
BIOL 1015	General Biology	5 SCH			
MATH 1124	Calculus with Analytic Geometry I	4 SCH			
MATH 2003	Elementary Statistics	3 SCH			
MATH 2024	Calculus with Analytic Geometry II	4 SCH			
PHYS 2111	General Physics Lab I or University Physics I (2511)	4 SCH			
PHYS 2121	General Physics Lab II or University Physics I (2521)	1 SCH			
RESTRICTIVE ELECTIVES		9 SCH			0
COURSE	DESCRIPTION	SCH	HRS	GRADE	
CRJS 1133	Principles of Criminal Justice	3 SCH			
CRJS 2613	Court Systems and Practices	3 SCH			
CRJS 3623	Criminal Law I	3 SCH			
CRJS 4923	Criminology	3 SCH			
BIOL 1021	Biology Seminar	1 SCH			
BIOL 1025	General Biology	5 SCH			
BIOL 2054	Genetics	4 SCH			
BIOL 3014	Human Physiology and Anatomy	4 SCH			
BIOL 3024	Human Physiology and Anatomy II	4 SCH			
BIOL 3034	General Microbiology	4 SCH			
					6
TOTAL HOURS					6