



Department of Natural Sciences
Engineering, Chemistry, BS (CHEN)
 Suggested Course Sequence – Odd Year Start

FALL SEMESTER - Odd					SPRING SEMESTER - Even				
First year									
_____	ENGR	1513	Intro. to Eng. Prac. I	3	_____	BIBL	1033	Biblical Literature	3
_____	CHEM	1113	General Chemistry I	3	_____	CHEM	1123	General Chemistry II (S)	3
_____	CHEM	1111	General Chemistry I Lab	1	_____	CHEM	1123	General Chemistry II Lab (S)	1
_____	ENGL	1013	English Composition I	3	_____	ENGL	1023	English Composition II	3
_____	MATH	1903	Calculus I	3	_____	PHYS	2013	University Physics I	3
_____	LETU	1101	Cornerstones	1	_____	PHYS	2011	University Physics I Lab	1
					_____	MATH	2013	Calculus II	3
Total Semester Hours				14	Total Semester Hours				17

FALL SEMESTER - Even					SPRING SEMESTER - Odd				
Second year									
_____	CHEM	2013	Organic Chemistry I (F)	3	_____	CHEM	2023	Organic Chemistry II (S)	3
_____	CHEM	2011	General Chemistry I Lab (F)	1	_____	CHEM	2123	Organic Chemistry II Lab (S)	1
_____	MEGR	2013	Statics	3	_____	MEGR	2023	Dynamics	3
_____	PHYS	2023	University Physics II (F)	3	_____	COSC	1303	Computer Science I	3
_____	PHYS	2021	University Physics II Lab (F)	1	_____	CHEM	3951	Introduction to Research (S)	1
_____	MATH	2023	Calculus III	3	_____	MATH	2203	Differential Equations	3
Total Semester Hours				14	Total Semester Hours				14

SUMMER				
_____	CHEM	4951	Undergraduate Research	1

FALL SEMESTER - Odd					SPRING SEMESTER - Even				
Third year									
_____	CHEM	3113	Chem. Analysis (F/Odd)	3	_____	THEO	2043	Biblical Theology	3
_____	CHEM	3111	Chem. Analysis Lab (F/Odd)	1	_____	COMM	1113	Introduction to Speech Comm.	3
_____	MEGR	3513	Fluid Mechanics	3	_____			Civic Engagement Elective	3
_____	ENGR	2313	Materials Engineering	3	_____	MEGR	3713	Thermodynamics	3
_____	MATH	3403	Statistics	3	_____	MATH	4403	Numerical Analysis (S/Even)	3
_____			Civic Engagement Elective	3					
Total Semester Hours				16	Total Semester Hours				15

FALL SEMESTER - Even					SPRING SEMESTER - Odd				
Fourth year									
_____	CHEM	3014	Inorg. Chemistry (F/Even)	3	_____	CHEM	4123	Phys. Chem. II (S/Odd)	3
_____	CHEM	4113	Phys. Chem. I (F/Even)	3	_____	MEGR	4723	Heat Transfer	3
_____	CHEM	4111	Phys. Chem. I Lab (F/Even)	1	_____	CHEM	4811	Sen. Sci. & Christ. Faith Sem.	1
_____	BIBL		Bibl. Engagement Elect.	3	_____	BIBL		Bible/Theo. Engagement Elec.	3
_____			Humanities & Fine Arts Elec.	3	_____			General Elective	3
_____			General Elective	3					
Total Semester Hours				17	Total Semester Hours				13
								Total hours	121