



Department of Chemistry and Physics
Engineering, Chemistry, BS (CHEN)
 Suggested Course Sequence - Even Year Start

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				First Year					
_____	BIBL	1033	Biblical Literature	3	_____	MATH	2013	Calculus II	3
_____	CHEM	1113	General Chemistry I	3	_____	THEO	2043	Biblical Theology	3
_____	CHEM	1111	General Chemistry I Lab	1	_____	ENGL	1023	English Comp II	3
_____	ENGL	1013	English Composition I	3	_____	CHEM	1121	General Chemistry II Lab (s)	1
_____	LETU	1101	Cornerstones	1	_____	CHEM	1123	General Chemistry II (s)	3
_____	MATH	1903	Calculus I	3	_____	PHYS	2013	University Physics I (s)	3
					_____	PHYS	2011	University Physics Lab I (s)	1
Total Semester Hours				14	Total Semester Hours				17

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				Second Year					
_____	MATH	2023	Calculus III	3	_____	ENGR	2313	Materials Engineering	3
_____	MEGR	2013	Statics	3	_____	MEGR	2023	Dynamics	3
_____	CHEM	2111	Organic Chemistry I Lab (F)	1	_____	CHEM	2121	Organic Chemistry II Lab (s)	1
_____	CHEM	2113	Organic Chemistry I (F)	3	_____	CHEM	2123	Organic Chemistry II (s)	3
_____	PHYS	2023	University Physics II (F)	3	_____	MATH	2203	Differential Equations	3
_____	PHYS	2021	University Physics Lab II (F)	1	_____	CHEM	3951	Intro to Research	1
Total Semester Hours				14	Total Semester Hours				14

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				Third Year					
_____			Ingenuity Elective	3	_____	CHEM	4123	Physical Chemistry II (S/Odd)	3
_____	CHEM	3014	Inorganic Chemistry (F/Even)	4	_____	MEGR	4723	Heat Transfer	3
_____	CHEM	4113	Physical Chemistry I (F/Even)	3	_____			Civic Engagement Elective	3
_____	CHEM	4111	Physical Chemistry I Lab (F/Even)	1	_____			General Elective	3
_____	BIBL		Bibl Engage Elective	3	_____			General Elective	3
Total Semester Hours				14	Total Semester Hours				15

SUMMER				
_____	ISU	CH E	Research at ISU	6

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				Fourth Year					
_____	MEGR	3513	Fluid Mechanics	3	_____	BIBL		Bib/Theo Engage Elective	3
_____	CHEM	3111	Chemical Analysis Lab (F/ Odd)	1	_____	COMM	1113	Intro To Speech Communicator	3
_____	CHEM	3113	Chemical Analysis (F/ Odd)	3	_____	CHEM	4811	Senior Science and Christian Fa	1
_____	COSC	1303	Computer Science I	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				13
								Total hours	123