PURDUE UNIVERSITY

Chemistry
College of Science

CHEM-BS
CHEM
120 Credits
2.0 GPA in CHM courses and 2.0 GPA overall

Departmental/Program Major Courses (92-101 credits)

Required Major Courses (63 credits)

_____	(5)CHM12500	Introduction to Chemistry I*(satisfies Science Selective for core)*
_____	(5)CHM12600	Introduction to Chemistry II
_____	(3)CHM26505	Organic Chemistry
_____	(2)CHM26500	Organic Chemistry Lab
_____	(3)CHM26605	Organic Chemistry
_____	(2)CHM26600	Organic Chemistry Lab
_____	(4)CHM32100	Analytical Chemistry I
_____	(4)CHM24100	Intro to Inorganic Chemistry
_____	(3)CHM34200	Inorganic Chemistry
_____	(3)CHM37300	Physical Chemistry
_____	(3)CHM37400	Physical Chemistry
_____	(2)CHM37600	Physical Chemistry Lab
_____	(1)CHM19400	Freshman Chemistry Seminar
____	(1) CHM 29400	Sophomore Chemistry Seminar
_____	(1)CHM49400	

_____	(5)MA16100	Plane Analytical Geometry Calculus I (satisfies *Quantitative Reasoning Selective* for core)
_____	(5)MA16200	Plane Analytical Geometry Calculus II
	(4)MA26100	Multivariate Calculus

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_____	(4)PHYS 17200	Modern Mechanics (*satisfies Science Selective for core)*
_____	(4)PHYS 27200	Electricity and Magnetism (*satisfies Science Selective for core)*

Other Departmental /Program Course Requirements (29-38 credits)

_____		
_____	(4)ENGL10600	*(satisfies Written Communication for core) (satisfies Information Literacy Selective for core)*
_____	(3)COM21700	*(satisfies Oral Communication for core)*
_____	(0-3)Language1	Selective LINK
_____	(0-3)Language2	Selective LINK
_____	(0-3)Language_Culture3	Selective (*select courses could satisfy Human Cultures Humanities for core.) LINK*
_____	(3)GeneralEd1	Selective (*select courses could satisfy Human Cultures Humanities for core)* LINK
_____	(3)GeneralEd2	Selective *(select courses could satisfy Human Cultures Humanities for core)* LINK
_____	(3)GeneralEd3	Selective (*select courses could satisfy Human Culture Behavioral/Social Science for core*)
_____	(3)Great Issues	Selective LINK
_____	(3)Multidisciplinary	Selective (*can be satisfied with a minor)*
_____	(3)STAT30100or35000	*(satisfies Information Literacy Selective for core)*
_____	(3-4)CS158 or CS177	*Computing*

Electives (19-28 credits)

_____	( ) _____	____	( ) _____	____	( ) _____	____	( ) _____
_____	( ) _____	____	( ) _____	____	( ) _____	____	( ) _____

University Core Requirements LINK

Human Cultures Humanities	☐ _____	*Science, Technology & Society Selective*	☐ _____
Human Cultures Behavioral/Social Science	☐ _____	*Written Communication*	☐ _____
Information Literacy	☐ _____	*Oral Communication*	☐ _____
Science Selective	☐ _____	*Quantitative Reasoning*	☐ _____
Science Selective	☐ _____		

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The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion

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Chemistry

Suggested Arrangement of Courses:

Credits	**Fall 1st Year**	**Prerequisite**	Credits	**Spring 1st Year**	**Prerequisite**
5	CHM 12500*		5	CHM 12600	CHM 12500
5	MA 16100	ALEKS 75	5	MA 16200	MA 16100
4	ENGL 10600*		3	Language II **	Lang 10100
1	CHM 19400		3	Science, Technology and Society	
3	Language I**				
18			**16**		

Credits	**Fall 2nd Year**	**Prerequisite**	Credits	**Spring 2nd Year**	**Prerequisite**
3	CHM 26505	CHM 12600	3	CHM 26605	CHM 26505
2	CHM 26500	CHM 12600	3	CHM 26600	CHM 26500
4	MA 26100	MA 16200	3	COM 21700	ENGL 10600
4	PHYS 17200	MA 16100	3	PHYS 27200	PHYS 17200
3	General Education		3	Free Elective	
15			15		

Credits	**Fall 3rd Year**	**Prerequisite**	Credits	**Spring 3rd Year**	**Prerequisite**
4	CHM 32100	CHM 12600	4	CHM 24100	CHM 12600
3	STAT 30100*		4-3	CS 17700 or CS 15800	
3	General Education		3	General Education **	
3	Free elective		3	Great Issues	Jr/Sr class
2	Free elective				
15			**14**		

Credits	**Fall 4th Year**	**Prerequisite**	Credits	**Spring 4th Year**	**Prerequisite**
3	CHM 37300	PHYS 27200	3	CHM 37400	CHM 37300
2	CHM 37600	CHM 37300	3	CHM 34200	CHM 37300
3	Multidisciplinary**		3	Free elective	
3	Language and Culture		3	Free elective	
3	Free elective		1	CHM 49400	
14			**13**		

*Satisfies a University Core Requirement
**Satisfies a Non-departmental Major Course Requirement

Students must earn a "C-" or better in all required university core courses.
Students must earn a cumulative GPA of 2.0 in all CHM courses.
Students must have 32 credits at the 30000 level or above taken at Purdue.
120 semester credits required for Bachelor of Science degree.
2.0 Graduation GPA required for Bachelor of Science degree.

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