

**REQUIREMENTS FOR B.S. CHEMISTRY BIOMEDICAL OPTION (2008-2012)**

**BACHELOR OF SCIENCE IN CHEMISTRY DEGREE PROGRAM REQUIREMENTS**

**CORE CURRICULUM .....42 SCH**

**DEPARTMENTAL REQUIREMENTS .....6 SCH**

Foreign Language Elective (one language 6 SCH)

**MAJOR REQUIREMENTS.....36 SCH**

CHEM 1032, 1033, 1042, 1043, 2012, 2112, 2032, 2033, 2042, 2043, 3422, 3413, 4033, 4051, 4053,

**Students majoring in Chemistry must earn a minimum grade of “C” in all classes taken in their major disciplines.**

**SUPPORT AREA.....27 SCH**

BIOL 1015, 1025, 3014

MATH 1124, 2024, 2003

PHYS 2111 OR 2511 AND 2121 OR 2521, (PHYS 2113, 2123 AND 2523 TAKEN IN THE CORE)

**RESTRICTED ELECTIVES.....9 SCH**

CHEM 3423, 3432, 4001, 4052, 4061, 4063, 4073

BIOL 1021, 2054, 3024, 3034

**TOTAL DEGREE REQUIREMENTS.....120 SCH**

**Students interested in Minor should consult the catalog requirements in field of Minor**

**Requirements for Chemistry as a Minor.....24 SCH**

Students who select chemistry as a minor must complete twenty-four semester credit hours from the following courses with a minimum grade of “C”

**CHEM 1032, 1033, 1042, 1043, 2012, 2112, 2032, 2033, 2042, 2043, 3413, 3423, 4001, 4051, 4033, and 4042**

## CHEMISTRY SUGGESTED DEGREE PROGRAM SEQUENCE FOR BIOMEDICAL SCIENCE OPTION

### FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
CHEM 1033	3	CHEM 1043	3
CHEM 1032	2	CHEM 1042	2
ENGL 1123	3	ENGL 1133	3
HIST 1313	3	HIST 1323	3
SPCH 1003	3	MATH 1124	4
MATH 1123	3		
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>15</b>

### SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
CHEM 2032	2	CHEM 2042	2
CHEM 2033	3	CHEM 2043	3
POSC 1113	3	POSC 1123	3
MATH 2024	4	ENGL 2153	3
CHEM 2012	2	PHYS 2111	1
CHEM 2112	2	PHYS 2121	1
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>13</b>

### JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
BIOL 1015	5	BIOL 1025	5
PHYS 2513	3	PHYS 2523	3
CHEM 3413	3	CHEM 4053	3
CHEM 3422	2	CHEM 4052	2
	3		3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>16</b>

### SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARTS 1203	3	CHEM 4033	3
BIOL 3014	4	CHEM 4051	1
COMP 1003	3		3
MATH 2003	3	BIOL 2054	4
		PSYC 1113	3
<b>Total</b>	<b>13</b>	<b>Total</b>	<b>14</b>

**TOTAL DEGREE REQUIREMENTS.....120 SCH**

Core – 
 Major Requirements – 
 Support Area – 
 Restrictive Elective – 
 Departmental Requirements

42

36

27

9

6