

First Semester		Second Semester	
CHEM 06.100: Chemistry I	4	CHEM 06.101: Chemistry II	4
BIOL 01.104: Biology 1	4	BIOL 01.106: Biology 2	4
MATH 01.130: Calculus I	4	CS 04.103: Comp. Sci. & Program.	4
COMP 01.111: College Comp. I	3	COMP 01.112: College Comp. II	3
Term Total	15	Term Total	15
Third Semester		Fourth Semester	
CHEM 07.200: Organic Chemistry I	4	CHEM 07.201: Organic Chemistry II	4
BIOL 01.203: Biology 3	4	STAT 02.284: Statistics for Biomed. Sci. OR STAT 02.280: Biometry	3 OR 4
BINF 05.250: Intro. to Bioinformatics	3	PHIL 09.369: Phil. Sci. MG/WI/HHL OR PHIL 09.440: Phil. Medicine WI/HHL	3
MATH 01.131: Calculus II	4	CS 01.205: Comp. Lab. Techniques	3
		General Education Elective – SBS	3
Term Total	15	Term Total	16/17
Fifth Semester		Sixth Semester	
CHEM 07.348: Biochemistry	4	CS 04.225: Principles of Data Structures	3
BIOL 22.335: Genetics	4	BINF Restricted Elective	4
General Education Elective - HHL	3	PHYS 00.222: Intro Elec. & Mag. OR PHYS 00.221: IntroThermodynamics	4
CMS 04.205: Public Speaking	3	BIOL 05.355: Bioinformatics- Biological Applications	3
General Education Elective – SBS	3	General Education Elective - ACE	3
Term Total	17	Term Total	17
Seventh Semester		Eighth Semester	
CHEM 07.595: Bioinformatics - Adv. Biochem. App.	3	BINF Restricted Elective	3 or 4
CS 07.541: Bioinformatics – Adv. Comp. Aspects	3	BINF Restricted Elective	3
CHEM 05.440 Research I OR BIOL 01.475 Lab/Field Research	3	BINF 07.501: MS Thesis Research I	3
PHYS 00.220: Intro. Mechanics	4		
General Education Elective – LIT	3		
Term Total	16	Term Total	9-10
Ninth Semester (MS)		Tenth Semester (MS)	
BINF 07.500: Bioinformatics Seminar	3	BINF Restricted Elective	3
BINF Restricted Elective	3	BINF Restricted Elective	3
BINF 07.502: MS Thesis Research II	3	BINF 07.503: MS Thesis Research III	3
Term Total	9	Term Total	9

Courses highlighted in gray are graduate courses.