



ADVISING CHECKSHEET

Biology for Health Professions

EFFECTIVE CATALOG YEAR 2017-18



Sample Schedule (subject to course rotations)

- * Required for all health professions programs
- ** Required by Medical, Dental, Veterinary and many other programs'
- + Recommended by most health professions programs

First Semester (Fall)	CR	Second Semester (Spring)	CR
BIOL 145-Intro to Sci. Inquiry	1	BIOL 153 General Biology II *	4
BIOL 151 General Biology I*	4	ENGL 101 Composition I	3
CHEM 112 General Chemistry I *	4	CHEM 114 General Chemistry II*	4
MATH 102 College Algebra (some programs require	3	Social Science (Psychology) +	3
MATH 123 Calculus I) *		CSC 123 Prob. Solving or CSC 150 Comp. Science or	3
CSC 105 Intro to Computers	3	CIS 130 Visual Basic	
Total Credits	15	Total Credits	17

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Third Semester	CR	Fourth Semester	CR
BIOL 331 Microbiology	4	BIOL 221 Human Anatomy	4
BIOL 281 Inquiry and Analysis in Biology		CHEM 328 Organic Chemistry II**	3
CHEM 326 Organic Chemistry I*	3	CHEM 328L Organic Chemistry II Lab**	1
CHEM 326L Organic Chemistry I Lab*	1	SPCM 101 Oral Communications	3
Arts and Humanities	3	MATH 281 Statistics*	14
Social Science (Sociology)+	3		
Total Credits	16	Total Credits	16

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Fifth Semester	CR	Sixth Semester	CR
BIOL 311 Ecology	4	BIOL 371 Genetics	4
BIOL 325 Physiology+	4	CHEM 450 Biochemistry+	3
PHYS 211 University Physics I*	4	SCTC 303 Intro to Biological Instrumentation	3
ENGL 201 Composition II	3	PHYS 213 University Physics II*	4
		Arts and Humanities	3
Total Credits	15	Total Credits	17

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Seventh Semester	CR	Eighth Semester	CR
BIOL 422 Immunology	3	BIOL 343 Cell Molecular Biology	4
BIOL elective	4	BIOL 498 Undergrad. Research	2
Math/EXS/HIM/HLTH/MATH/PHYS elective (4)	3	CHEM 332 Analytical Chemistry	3
Social Science (ex. Abnormal Psychology)+	3	CHEM 332L Analytical Chemistry Lab	1
		SCTC 345 Bioinformatics	3
		ENGL 379 Tech Communications	3
Total Credits	13	Total Credits	16

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