

Biological Sciences

BS in Clinical Laboratory Sciences

The curriculum leading to the Bachelor of Science in Clinical Laboratory Sciences degree emphasizes biology and chemistry. The program involves three years of study on campus and one year of study at an approved hospital for medical center. Acceptance into an affiliated hospital is decided entirely by the hospital and is based on 1) the quality of academic work completed by the student in the first three years, 2) letters of recommendation, and 3) in most cases, personal interviews. Upon successful completion of the clinical program, a Bachelor of Science in Clinical Laboratory Sciences degree is received.

The University is affiliated with several hospitals. There is one located in Iowa – Mercy Hospital in Des Moines, and two located in the Kansas City, Missouri area – North Kansas City Hospital, and St. Luke's Hospital of Kansas City.

Suggested Course Outline

Freshman

Freshman Seminar	71-101	1			
General Biology & Lab	04-102/103	4	General Zoology & Lab	04-114/115	4
General Chemistry I & Lab	24-114/115	4	General Chemistry II & Lab	24-116/117	5
Composition I	10-111	3	Composition II	10-112	3
Social Sciences		3	*General Statistics	17-114	3
Total		15	Total		15

Sophomore

Quantitative Analysis & Lab	24-322/323	5	General Physics II & Lab	25-112/113	4
Genetics	04-350	3	General Microbiology	04-140	4
Intro to American Government	34-102	3	America – A Historical Survey	33-155	3
Fundamentals of Oral Com	29-102	3	Intro to Literature	29-102	3
Informational Tech IR		3	College Algebra	17-118	3
Total		17	Total		17

Junior

Organic Chemistry I & Lab	342-343	5	Immunology	04-444	4
Human Physiology	04-438	4	Elem Biochemistry/Lab	24-362/363	4
Humanities/Philosophy		3	Fine Arts		3
Electives		1	Multicultural IR		3
General Psychology		3	Total		14
Total		16			

Senior

Clinical Laboratory Courses – In conjunction with approved hospitals and medical centers. The senior year is spent in the hospital and involves 12 months of training. Upon successful completion of the clinical year, 30 hours of academic credit received.

*17-114 General Statistics OR 04-310 Cell Biology OR 04-440 Molecular Genetics (ODD YEARS). One of these three courses is required. (NOTE: General Statistics is a prerequisite for Quantitative Analysis). Other two options may be used as electives.

(Please note this outline does not supersede the requirements listed in the Northwest Undergraduate Student Catalog nor does it constitute a contractual arrangement, rather it is for information only. It is the student's responsibility to be aware of and to meet all University and Department requirements as listed in the catalog.

Fall 2009