

MLS Course Work Plan

Admission:

*Completion of the Casper College A.S. degree in MLT within 5 years, or B.S. degree in a related science.

*B.S. completion degree is 60 credit hours in the junior/senior years, including 41 upper division major requirements with a supplement of 7 upper division elective credit hours

*Successful completion of all required third and fourth year course offerings will result in a B.S. degree from the University of Wyoming, and candidacy for the national certification examination

Junior Year-Suggested Course Schedule for Student Admitted to the Professional Program

Fall Semester	Hrs	Spring Semester	Hrs
CHEM 1030 Gen Chem II	4	STAT 2050 Fund. Of Statistic	4
CHEM 2300 Intro to Organic	4	MOLB 3000 Intro Molecular Biology	3
LIFE 3050 Genetics	4	MOLB 3610 Principles of Biochemistry	4
LIFE 3600 Cell Biology	4	UD Elective	4
Total	16	Total	15
Upper Division	8	Upper Division	11

Senior year-Suggested Course Schedule for Student Admitted to the Professional Program

Fall Semester	Hrs	Spring Semester	Hrs
MLSK 4840 Lab. Educ. Methodology	1	MLSK 4981 Adv. Cl. Pract.-Hematology	3
MLSK 4850 Clinical Research Design	2	MLSK 4982 Adv. Cl. Pract.-Molecular	3
MLSK 4860 Laboratory Management	3	MLSK 4983 Adv. Cl. Pract.-Immunochem	3
MLSK 4870 Adv. CL Chemistry	4	MLSK 4984 Adv. Cl. Pract.-Microbiology	3
MLSK 4880 Adv. Hematology - Erythrocytes	2	MLSK 4890 Prof Career Paths and Review	2
UD Electives	3		
Total	15	Total	14
Upper Division	15	Upper Division	14

***MLSK courses in bold require on campus lab sessions.**

*Course offerings are subject to change