

MEDICAL LABORATORY SCIENCES *SAMPLE SEQUENCE OF COURSES*

UConn Graduation Requirements—Are found at catalog.uconn.edu these include major and general education requirements (Content Areas: 1, 2, 3, and 4, **Writing**, **Quantitative**, **Foreign Language** and **Environmental Literacy**)
Students normally average 15 credits per semester over a 4-year period (fall/spring only) to meet the 120 academic credits required.

FIRST YEAR

FALL

CHEM 1124Q or 1127Q General Chemistry I	4
MATH 1060Q or above Pre-calculus or above*	3-4
ENGL 1007 Seminar Studio in Writing*	4
GEN ED	3
INTD 1800 FYE (recommended)	1

Total credits: 15-16

SPRING

CHEM 1125Q or 1128Q General Chemistry II	3-4
BIOL 1107 General Biology I	4
GEN ED	3
GEN ED	3

Total credits: 13-14

SECOND YEAR

FALL

CHEM 2241 Organic Chemistry	3
STAT 1000Q or 1100Q Statistics	4
GEN ED (suggest W course)*	3
ELECTIVE*	

Total credits: 13

SPRING

MCB 2000 Biochemistry	4
ELECTIVE	3
GEN ED (CA 1, 2, 4, or E)*	3
GEN ED (CA 1, 2, 4, or E)*	3

Total credits: 13

Admission into the junior/senior year requires separate application

THIRD YEAR

FALL

MCB 2400 Human Genetics	3
AH 2001 Medical Terminology	2
AH 3121 Immunology	3
MCB 2610 Microbiology	4
AH 4241 Research for Health Prof.	2

Total credits: 14

SPRING

MLSC 3301 Fund. Med. Lab. Sci.	3
MLSC 3333 Mycology, Parasitology & Virology	3
MLSC 4500 Lab Ops. & Prof. Practice	2
DGS 4234 Diag. Molecular Tech.	3
DSG 4235 Lab in Molecular Diagnostics	2
AH 3025 Hum. Physio. in Hlth./Disease	3

Total credits: 16

SUMMER SESSION

MLSC 4321 Clinical Immunology	2
MLSC 4341 Clinical Microbiology	4

Total Credits: 6

FOURTH YEAR

FALL

MLSC 3365 Theory of Phlebotomy	1
MLSC 4301 Clinical Chem. & Instrument.	3
MLSC 4311 Hematology	4
MLSC 4351 Transfusion Services	3

MLSC 4371 Urinalysis & Hemostasis 2

MLSC 4094W Sem. in Med. Lab Sciences 2

Total credits: 15

SPRING

MLSC 4302 Clinical Chemistry Lab	3
MLSC 4322 Clinical Immunology Lab	1
MLSC 4312 Hematology Lab	3
MLSC 4342 Clinical Microbiology Lab	4
MLSC 4352 Transfusion Services Lab	3
MLSC 4372 Urinalysis Lab	1

Total credits: 15

§ Course sequence is a sample. Actual course sequence subject to change based on advising and student goals.

* These courses need not be taken in the semester indicated; however, it is strongly recommended that they be completed prior to the junior year.

- **Electives** - The total number of elective courses needed to meet the 120 credits for graduation will vary depending on the number of credits assigned to each course. *Students may need to take additional electives.* Students should track credits for graduation carefully and take elective credits accordingly.
- This plan of study assumes the **foreign language** is completed prior to admission to the university. If a language is required, students may elect to take these courses as electives.
- **W course requirement:** Students are required to take 2 “W” skill coded courses. MLSC 4094W satisfies the “W” in the major. Students **must** take the second “W” as a general education or elective.
- **Environmental Literacy:** Students may complete the Environmental Literacy “E” requirement as either a general education requirement, elective or MLS major requirement.

Students can elect to enroll in Summer/Winter sessions. Course options can be found at summerwinter.uconn.edu. Students interested in [Education Abroad](#) should discuss options (semester, winter or summer) with major advisor.

Your academic advisor will work with you every semester to help determine the best sequence of courses specific to your career goals.