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
- ENGL 1007* 4
- MATH 1060Q, 1125Q, or above* 3-4
- GEN ED (CA 1)* 3
- UNIV 1800 FYE (recommended) 1

**SPRING**
- CHEM 1125Q or 1128Q General Chemistry II 3-4
- BIOL 1107 General Biology I 4
- GEN ED (CA 2)* 3
- GEN ED (CA 4)* 3
- ELECTIVE 3

Total credits: 15-16

**SECOND YEAR**

**FALL**
- CHEM 2241 or 2443 Org. Chem.** 3
- STAT 1000Q or 1100Q Statistics 4
- MCB 2400 or 2410 Human Genetics/Genetics 3
- ELECTIVE 3
- GEN ED (CA 4)* 3

**SPRING**
- MCB 2610 Fund. of Microbiology 4
- GEN ED (E)* 3
- GEN ED (CA 2)* 3
- GEN ED (CA 1)* 3
- GEN ED (W)* 3

Total credits: 16

Admission into the junior/senior year requires separate application

**THIRD YEAR**

**FALL**
- AH 2001 Medical Terminology 2
- AH 3021 Env., Genetics, and Cancer 3
- AH 3121 Immunology 3
- DGS 3100 Cytogenetic Technologies 3
- ELECTIVE 3

**SPRING**
- DGS 4234W Dx. Molecular Tech. 3
- DGS 4235 Lab. Molec. Diagnostics 2
- MLSC 4500 Lab. Operations 2
- DGS 4237 Bioinformatics 3
- Related Cognate 3

Total credits: 14

**FOURTH YEAR**

**FALL**
- AH 4241 Research for Health Prof. 2
- DGS 4236 Case Studies Molec. Path 1
- DGS 3226 Current Genetic Research 2
- Related Cognate 3
- ELECTIVE 3
- ELECTIVE 3

**SPRING (Clinical Affiliation- January 2-May 15)**
- DGS 4402 Spec Prep, Nuc. Acid Isolation 4
- DGS 4503 Amplification Methods 6
- DGS 4604 Sequencing and Analysis 3
- DGS 4850 Investigative Topics 1-3
- (or DGS 4997 Honors Research)
- DGS 4510, 4512, 4513, or 4515 2

Total credits: 14

Updated for Fall 2024
§ This 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.
** If CHEM 2443 is taken, CHEM 2444 must also be taken to allow enrollment in MCB 2000 (Biochemistry) if desired (NOT a DGS requirement).

- Total credits depend upon electives selected; a minimum of **120 credits are required for graduation**.
- This plan assumes the foreign language requirement 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 two “W” skill coded courses. DGS 4234W satisfies the “W” in the major. Students MUST take the second “W” as a general education or elective.

Please consult with your academic advisor prior to registering for Q courses.

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.*