
Washburn University Clinical Laboratory Science Program

** Students with Undergraduate Degrees**

For those students with undergraduate degrees, the following is a list of required courses for acceptance into the CLS program.

Biological Sciences	16 semester hours
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Must include:

Microbiology (with lab preferred)

Genetics or Molecular Biology

Immunology (UNMC course online Fall & Spring) <http://www.unmc.edu/cls>

Chemistry	14 semester hours including
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A minimum of two upper level (200 level or above) Chemistry courses.

Upper level chemistry courses may include:

Organic Chemistry I, Organic Chemistry II, Biochemistry or Analytical Chemistry.

Biochemistry with a lab recommended.

English (Composition preferred)	3 semester hours
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Mathematics (statistics preferred)	3 semester hours
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Suggested Electives

Physiology and **Molecular Biology** are strongly recommended. Additional recommended subjects include **Cell Biology**, **Introduction to Hematology**, **Pathogenic Microbiology**, and **Parasitology**.