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## Washburn University Clinical Laboratory Science Program

### **\*\* Students with Undergraduate Degrees\*\***

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

<b>Biological Sciences</b> Must include: <b>Microbiology</b> (with lab preferred) <b>Genetics or Molecular Biology</b> <b>Immunology</b> (UNMC course online Fall & Spring)	<b>16 semester hours</b>    <a href="http://www.unmc.edu/cls">http://www.unmc.edu/cls</a>
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<b>Chemistry</b>  A minimum of two upper level (200 level or above) Chemistry courses.  <b>Upper level chemistry courses may include:</b> Organic Chemistry I, Organic Chemistry II, Biochemistry or Analytical Chemistry. Biochemistry with a lab recommended.	<b>14 semester hours including</b>
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<b>English (Composition preferred)</b>	<b>3 semester hours</b>
<b>Mathematics (statistics preferred)</b>	<b>3 semester hours</b>

### **Suggested Electives**

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