

# Laboratory Science (LBSC) - Histotechnology Track

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## Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
MATH 1610 Calculus I		4 BIOL 1020 Principles of Biology	3
<b>CHEM 1110 General Chemistry I<sup>1</sup></b>		3 BIOL 1021 Principles of Biology Laboratory	1
<b>CHEM 1111 General Chemistry I Laboratory</b>		<b>1 CHEM 1120 General Chemistry for Scientists and Engineers II<sup>1</sup></b>	<b>3</b>
Core History		3 <b>CHEM 1121 General Chemistry II Laboratory</b>	<b>1</b>
PHIL 1030 Ethics and the Health Sciences		3 Core Social Science or Humanities <sup>2</sup>	3
		<b>17</b>	<b>14</b>

## Sophomore

Fall	Hours	Spring	Hours
<b>CHEM 2070 Organic Chemistry I</b>		<b>3 CHEM 2080 Organic Chemistry II</b>	<b>3</b>
<b>CHEM 2071 Organic Chemistry I Laboratory</b>		<b>1 CHEM 2081 Organic Chemistry II Laboratory</b>	<b>1</b>
BIOL 2500 Human Anatomy and Physiology I		3 BIOL 2510 Human Anatomy and Physiology II	3
BIOL 2501 Human Anatomy and Physiology I Laboratory		1 BIOL 2511 Human Anatomy and Physiology II Laboratory	1
STAT 2510 Statistics for Biological and Health Sciences		3 <b>BIOL 3200 General Microbiology</b>	<b>3</b>
<b>LBSC 2010 Basics in Laboratory Science</b>		<b>2 BIOL 3201 General Microbiology Laboratory</b>	<b>1</b>
Core Literature		3 Core History or Literature <sup>3</sup>	3
		<b>16</b>	<b>15</b>

## Junior

Fall	Hours	Spring	Hours
BIOL 5200 Clinical Microbiology		5 <b>CHEM 3050 Analytical Chemistry</b>	<b>3</b>
BIOL 3000 Genetics		3 <b>CHEM 3051 Analytical Chemistry Laboratory</b>	<b>1</b>
BIOL 3001 General Genetics Laboratory		1 <b>BIOL 5500 Immunology</b>	<b>3</b>
<b>LBSC 4010 Hematology</b>		3 Core Fine Arts	3
<b>LBSC 4011 Hematology Lab</b>		2 Core Social Science	3
		<b>14</b>	<b>13</b>

## Senior

Fall	Hours	Spring	Hours
<b>BCHE 5180 Biochemistry I</b>		<b>3 LBSC 4250 Clinical Biochemistry/Instrumentation</b>	<b>4</b>
<b>BCHE 5181 Biochemistry I Laboratory</b>		<b>1 LBSC 4050 Clinical Immunohematology/Parasitology</b>	<b>5</b>
BIOL 4000 Histology		3 Technical Elective <sup>4</sup>	3
BIOL 4001 Histology Laboratory		1 Elective	3
Technical Elective <sup>4</sup>		2 UNIV 4AA0 Achieve the Creed <sup>5</sup>	0

Core Social Science	3	
Elective	3	
	<b>16</b>	<b>15</b>

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**Total Hours: 120**

- <sup>1</sup> CHEM 1030/CHEM 1031 and CHEM 1040/CHEM 1041 sequence can substitute for CHEM 1110/CHEM 1111 and CHEM 1120/CHEM 1121. See advisor for details.
- <sup>2</sup> If a second LITERATURE sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a second HISTORY sequence is chosen, this course must be a CORE HUMANITIES.
- <sup>3</sup> Students must complete a sequence of EITHER History or Literature to graduate. Please select the second half of EITHER the History or Literature sequence that you began.
- <sup>4</sup> See advisor for approved list of Tech Electives.
- <sup>5</sup> This course must be taken the semester of graduation.