**BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCE (B.S.C.L.S.) MAJOR IN CLINICAL LABORATORY SCIENCE**

Minimum required: 120 semester credit hours

**Admission Requirements**

1. The Bachelor of Science in Clinical Laboratory Science (B.S.C.L.S.) degree with a major in Clinical Laboratory Science requires admission to the university and admission to the program. For more information visit: [http://www.health.txstate.edu/clsls/degrees-programs/undergraduate.html](http://www.health.txstate.edu/clsls/degrees-programs/undergraduate.html)

2. University application deadlines are different than the Clinical Laboratory Science (C.L.S.) program deadline. Any student entering Texas State may declare Pre-Clinical Laboratory Science as their major. It is recommended that students arrange academic advising at least once prior to making application, and, if possible, arrange to learn about the profession through clinical laboratory tours, personal research, and interviewing a practicing C.L.S. professional. Admission and acceptance to Texas State and declaration as a C.L.S. major does not guarantee admission to the program. Admission to the program is competitive and selective. The academic sequence begins during the fall semester of the junior year. Students are selected in the spring semester of their sophomore year. Enrollment is limited by student/faculty ratios and clinical placement availability.

3. The deadline for submission of applications to the C.L.S. program is February 15th. A typical cohort size of 20 students will be admitted. Applicants will be notified of their status by April 30th or sooner. The criteria for student selection for the junior class includes scholastic ability, particularly in the sciences, essays, and a personal interview, and not on the basis of gender, race, color, religion, veteran status or condition of disability, or national origin. Due to performance standards of the profession, students must meet specific ADA requirements and accept to Texas State and declaration as a C.L.S. major. It is recommended that students arrange academic advising at least once prior to making application, and, if possible, arrange to learn about the profession through clinical laboratory tours, personal research, and interviewing a practicing C.L.S. professional. Admission and acceptance to Texas State and declaration as a C.L.S. major does not guarantee admission to the program. Admission to the program is competitive and selective. The academic sequence begins during the fall semester of the junior year. Students are selected in the spring semester of their sophomore year. Enrollment is limited by student/faculty ratios and clinical placement availability.

4. Potential applicants are encouraged to complete the University process early (six to eight weeks prior to the C.L.S. application deadline of February 15th) to facilitate review of transcripts during the C.L.S. program application process.

5. A minimum overall GPA and science and mathematics GPA of 2.50; however, an overall GPA and a science and mathematics GPA of 3.0 is recommended in order to be competitive in the application process. Applicants must be in good academic standing to apply to the C.L.S. Program. Students on academic probation or suspension will not be considered. The science and mathematics GPA is calculated based on grades in the following nine courses which must be completed prior to submitting the C.L.S. application:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>BIO 1330</td>
<td>Functional Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 1130</td>
<td>Functional Biology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>BIO 1331</td>
<td>Organismal Biology</td>
<td>3</td>
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</tbody>
</table>

6. Science and mathematics courses require a minimum grade of "C" or higher.

7. Students may have a maximum of nine hours of core and prerequisite coursework remaining prior to beginning the C.L.S. program.

8. Completion of the C.L.S. application packet for admission is required by the deadline (February 15th).

9. Successful interview of selected candidate with admission committee is also required.

10. Health records and a background check are necessary before being allowed to start the program. Specific immunizations and drug testing are necessary before clinical placements.

**General Requirements**

1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.

2. Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).

3. Nine hours of writing intensive (WI) courses are required for graduation.

4. Any student who did not complete at least two years of the same foreign language in high school is required to take 6-8 hours of the same foreign language.

5. To graduate with a B.S.C.L.S., students must successfully complete all CLS courses in a lock-step sequence with a "C" or higher. Each CLS course is offered only once each academic year; therefore, progress in the program is affected should a student fall out of the sequence due to failure to successfully complete a course. A student who falls out of sequence (whether due to illness, course failure, or other reasons) will be delayed one year to repeat the course. Students with a grade of less than a "C" in a CLS course will be stepped out of the program and individuals must reapply to the program the following year. To be considered for program readmission, all original program admission criteria and an approved schedule for retaking courses must be met. In addition, a student may repeat a CLS course only once. If the student does not earn a grade of at least "C" upon repeating the course, the student cannot continue in the program.

6. All non-CLS courses must be completed prior to the senior year, 2nd semester (spring), due to students beginning off-campus clinical rotations.

7. Requirements for B.S.C.L.S. completion and graduation include a Texas State GPA of 2.0 with a CLS major GPA of 2.25.
8. During the second semester (spring) and final semester (summer) of the senior year, students are required to successfully complete five clinical laboratory rotations/experiences in CLS Clinical Practice courses. These courses require that the students spend clinical time in other facilities, primarily hospitals and reference laboratories, away from campus. Students must furnish their own transportation, and if necessary, housing. Because of the time and distances involved, typically no courses other than those listed in the CLS Program can be taken in the final two semesters of the senior year.

### Course Requirements

<table>
<thead>
<tr>
<th>First Hours Semester</th>
<th>Second Hours Semester</th>
<th>Freshman</th>
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<tbody>
<tr>
<td>BIO 1330 (Life and Physical Sciences Component Code 030 [TCCN BIOL 1306 or 1406])</td>
<td>3</td>
<td>BIO 1331 (TCCN BIOL 1307 or 1407)</td>
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<tr>
<td>BIO 1130 (TCCN BIOL 1106 [taken with TCCN BIOL 1306])</td>
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<td>BIO 1131 (TCCN BIOL 1107 [taken with TCCN BIOL 1307])</td>
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<tr>
<td>CHEM 1341 (Life and Physical Sciences Component Code 030 [TCCN CHEM 1311])</td>
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<td>CHEM 1342 (TCCN CHEM 1312)</td>
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<tr>
<td>CHEM 1141 (TCCN CHEM 1111)</td>
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<td>CHEM 1142 (TCCN CHEM 1112)</td>
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<tr>
<td>ENG 1310 (Communication Component Code 010 [TCCN ENGL 1301])</td>
<td>3</td>
<td>ENG 1320 (Communication Component Code 010 [TCCN ENGL 1302])</td>
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| POSI 2310 (Governmen
Political Science Component Code 070 [TCCN GOVT 2306]) | 3 | Select one of the following (Mathematical Component Code 020): | 3 |
| US 1100 | 1 | MATH 1315 (TCCN MATH 1314) |  |
| | | MATH 13 (TCCN MATH 1324) |  |
| | | MATH 1329 (TCCN MATH 1325) |  |
| | | MATH 23 (TCCN MATH 2313) |  |
| | | MATH 24 (TCCN MATH 2412) |  |
| | | MATH 2471 (TCCN MATH 2413) |  |

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<tr>
<th>First Hours Semester</th>
<th>Second Hours Semester</th>
<th>Sophomore</th>
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<tbody>
<tr>
<td>BIO 2440 or 2400 (TCCN BIOL 2420 or 2421)</td>
<td>4</td>
<td>American History Component Code 060</td>
</tr>
</tbody>
</table>
| COMM 131C (Component Area Option Code 090/091 [TCCN SPCH 1311]) | 3 | POSI 2320 (Governmen
Political Science Component Code 070 [TCCN GOVT 2306]) | 3 |
<p>| American History Component Code 060 | 3 | PHIL 1305 or 1320 (Language, Philosophy, and Culture Component Code 040 [TCCN PHIL 1301 &amp; 2306]) | 3 |
| | | Select one of the following: | 3 |
| | | CHEM 2330 &amp; CHEM 2130 |  |
| | | SOCI 3307 |  |</p>
<table>
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<tr>
<th>CHEM 23 &amp; CHEM 2123</th>
<th>HP 3325</th>
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<tr>
<td>CHEM 2342 &amp; CHEM 2142 (TCCN CHEM 2325 &amp; 2125)</td>
<td>MATH 2328 (TCCN MATH 1342)</td>
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</tr>
<tr>
<td>QMST 23 (TCCN BUSI 2305)</td>
<td>ENG Literature (Component Area Option Code 090/094) [TCCN ENGL 2322, 2323, 2332, 2333, 2327 or 2328]</td>
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<td>15</td>
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<tr>
<td>First Hours Semester</td>
<td>Second Hours Semester</td>
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<tr>
<td>CLS 3305</td>
<td>3 CLS 3323</td>
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<tr>
<td>CLS 3410</td>
<td>4 CLS 3424</td>
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<tr>
<td>CLS 3326</td>
<td>3 CLS 3412</td>
</tr>
<tr>
<td>ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050 [TCCN HUMA 1315])</td>
<td>3 Social and Behavioral Sciences Component Code 080</td>
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| 13 | 14 |

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<tr>
<td>First Hours Semester</td>
<td>Second Hours Semester</td>
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<tr>
<td>CLS 4333</td>
<td>3 CLS 4340</td>
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<tr>
<td>CLS 4318</td>
<td>3 CLS 4370</td>
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<tr>
<td>CLS 4440</td>
<td>4 CLS 4463</td>
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<tr>
<td>CLS 4460</td>
<td>4 CLS 4241</td>
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</tbody>
</table>

Total Hours: 120

1 If US 1100 is waived, the student must have a minimum of 120 hours to graduate. See the College Advising Center.