## University Core Requirements (43* Hours) | UHCL Course Title | TCCNS | CODE
---|---|---|---
**Communications (6 hours):**<br>WRIT 1301—Composition I (Grade must be "C-" or better)<br>WRIT 1302—Composition II (Grade must be "C-" or better)<br><br>**Mathematics (4* hours):**<br>MATH 2413—Calculus I (Grade must be "C-" or better)<br>*Three (3) hours of Calculus will count toward the University Core and one (1) hour will count toward the Major

**Life and Physical Sciences (6 hours):**<br>CHEM 1311—General Chemistry I (lecture, Grade must be "C" or better)<br>CHEM 1312—General Chemistry II (lecture, Grade must be "C" or better)

**Language, Philosophy, and Culture (3 hours):**<br>Choose ONE course from the core approved list

**Creative Arts (3 hours):**<br>Choose ONE course from the core approved list

**U.S. History (6 hours):**<br>HIST 1301—U.S. History I<br>HIST 1302—U.S. History II

**Government/Political Science (6 hours):**<br>POLS 2305—Federal Government<br>POLS 2306—Texas Government

**Social/Behavioral Science (3 hours):**<br>Choose ONE course from the core approved list

**Component Area Option (6 hours):**<br>COMM 1315—Public Speaking<br>PSYC 1100—Learning Frameworks<br>CHEM 1111—Lab General Chemistry I (Grade must be "C" or better)<br>CHEM 1112—Lab for General Chemistry II (Grade must be "C" or better)

## Major Requirements (44 hours) | UHCL Course Title
---|---
Required minimum grade is "C-" in the following classes:<br>STAT 3308—Computational Statistics<br>WRIT 3315—Technical Writing

Required minimum grade for all remaining Major Requirements is "C". Grades of "C -" and below are not accepted.<br>Biol 1306/1106—Biology for Science Majors I & Lab I<br>Biol 1307/1107—Biology for Science Majors II & Lab II<br>Biol 3341/3141—Molecular Genetics & Lab<br>Biol 4311—Ecology<br>Biol 4278 or 4279—Seminar in Biology or Forensic Seminar<br>Biol 4341/4242—Biochemistry I and Lab<br>Phys 1301/1101—College Physics I and Lab<br>Phys 1302/1102—College Physics II and Lab<br>CHEM 2323/2123—Organic Chemistry I and Lab<br>CHEM 2325/2125—Organic Chemistry II and Lab

## Specialization Requirements (29 hours) | UHCL Course Title
---|---
Required minimum grade for Specialization Requirements is "C". Grades of "C -" and below are not accepted.<br>Biol 2321/2121—Microbiology for Science Majors & Lab<br>Biol 3373/3173—Human Anatomy & Lab<br>Biol 4344 or 4345—Comparative Animal Physiology or Human Physiology<br>Biol 4325—Environmental Toxicology
Specialization Requirements (29 hours, continued)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 4342</td>
<td>Biochemistry II</td>
</tr>
<tr>
<td>BIOL 4335</td>
<td>Forensic Biology</td>
</tr>
<tr>
<td>CHEM 4363</td>
<td>Forensic Chemistry</td>
</tr>
<tr>
<td>CHEM 4373</td>
<td>Quantitative Chemical Analysis</td>
</tr>
<tr>
<td>CRIM 4330</td>
<td>Criminal Investigation</td>
</tr>
</tbody>
</table>

Specialization Electives (4 hours)

*Required minimum grade is "C-" for all Specialization Electives*

Choose from LEGL 4365, CHEM 4367, CRIM 4334/CRIM 5338, BIOL 4347, 4189, 4289, 4389, 4315, 4391, 4291 or other BIOL courses or other courses approved by faculty advisor.

General Degree Requirements

- Students must complete at least 120 semester credit hours. A minimum of 45 hours of the 120 semester hours must be advanced (3000-4000 level) course work according to the requirements of the respective major.
- Students must fulfill the University Core Curriculum requirements (refer to Core Curriculum Requirements section of this catalog).
- Students must demonstrate writing proficiency by completing nine hours of lower-level (1000-2000 level) and upper-level (3000-4000 level) English composition course credit with a minimum grade of "C-" or better. Some majors may require higher grades in English composition.
- Students must complete at least 25% of the credit hours required for the degree (i.e., 30 semester credit hours for a 120 credit hour program) through instruction offered by UHCL to fulfill the Southern Association of Colleges and Schools (SACS) residency requirements.
- Students must complete the final 30 semester hours of 3000 and 4000 level course work in residence at UHCL.
- Students must have a cumulative GPA of 2.00 on course work completed at UHCL with grades of "C" or better on at least 30 hours of resident upper-level work. Grades of "C-" or below cannot be applied toward the 30 hours of resident upper-level work.