Selection into the clinical year is on a competitive basis, but usually all of the applicants who meet the minimum qualifications gain entry into the clinical year.

The BS degree program may be completed in four years, provided the student follows the sample degree plan given at the end of this brochure. The degree may be completed as a 2+2 program from a Florida public community college, provided the student seeks and follows the academic advisement from UWF program faculty.

The clinical (final) year of the program is a limited access program with a cap in enrollment at 40 students. To be considered for admission into the clinical year, the student must meet the following requirements:

- Admitted to the University of West Florida
- Completed UWF’s General Studies Program and CLAST; or have an AA degree from a Florida public community college*
- Completed the foreign language requirement
- Completed the lower and upper level prerequisite courses in biology, chemistry and mathematics
- Have a cumulative minimum GPA of 2.5
- Submitted an application for selection into clinical year

The clinical year always begins in January. After these semesters at the university each student is placed at an affiliate hospital laboratory for 29 weeks (40 hours/week) of clinical laboratory rotations.

The program is affiliated with over ten hospitals in Florida, Alabama and the Gulf Coast Veterans Health Care System (VA). Students do their clinicals in the greater Pensacola area, Ft. Walton Beach, Panama City, Gainesville, Tallahassee, or Biloxi. CLS students will rotate through the Florida Department of Health Labs, and are eligible to work in Public Health.

State-Wide Common Prerequisites

Lower division courses that may be taken at a Florida public community college and are accepted into UWF’s degree program

Bachelor of Science in Clinical Laboratory Sciences

UWF’s Clinical Laboratory Sciences Program is designed to prepare graduates as generalists who will be proficient in performing the full range of clinical laboratory tests in areas such as hematology, clinical chemistry, diagnostic microbiology, clinical immunology, serology and immunohematology.

The curriculum is designed to build strong foundations in professional knowledge and skills, enabling the graduates to assume diverse responsibilities in areas of analysis, quality control, clinical decision making, regulatory compliance, education, research and product development.

UWF’s program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and licensed by the Board of Clinical Laboratory Personnel (BCLP) of the state of Florida.

For additional information contact: UWF Program in Clinical Laboratory Sciences, (850) 474-2882 or uwf.edu/clinicallabsciences

State-Wide Common Prerequisites

Lower division courses that may be taken at a Florida public community college and are accepted into UWF’s degree program

<table>
<thead>
<tr>
<th>SEMESTER HOURS</th>
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<tbody>
<tr>
<td>General Biology/Lab</td>
<td>Anatomy and Physiology I/Lab</td>
</tr>
<tr>
<td>Anatomy and Physiology II/Lab</td>
<td>General Chemistry I/Lab</td>
</tr>
<tr>
<td>General Microbiology/Lab</td>
<td>Organic Chemistry I/Lab</td>
</tr>
<tr>
<td>Elements of Statistics</td>
<td>Organic Chemistry II/Lab</td>
</tr>
</tbody>
</table>

For a list of equivalent courses which are acceptable as alternatives for the common prerequisites listed above see Common Prerequisite Manual, Florida Center for Advising and Academic Support; or call the UWF program director.

MAJOR RELATED UPPER LEVEL COURSES

<table>
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<tr>
<th>SH</th>
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<tbody>
<tr>
<td>Pathophysiology</td>
<td>Biochemistry I/Lab</td>
</tr>
<tr>
<td>Genetics/Lab</td>
<td>Immunology/Lab</td>
</tr>
<tr>
<td>Microbiology/Lab</td>
<td>Microbiology/Lab</td>
</tr>
</tbody>
</table>

For a list of equivalent courses which are acceptable as alternatives for the common prerequisites listed above see Common Prerequisite Manual, Florida Center for Advising and Academic Support; or call the UWF program director.

Each year one class of students graduates at the end of July and are ready for employment by the second week of August.

*For information on the General Studies Program, see the current UWF Catalog.
# DEGREE PLAN
Recommended for Clinical Laboratory Sciences

## Freshman Year

### FALL
- ENC 1101: English Composition I ........................................ 3
- ZOO 1010: General Zoology/Lab ........................................... 4
- MAC 1104: College Algebra .................................................. 3
- XXX: Humanities/Fine Arts .................................................. 3

### SPRING
- ENC 1102: English Composition II ........................................ 3
- EUH: Social Sciences/History ............................................... 3
- CHM 2045: Chemistry I/Lab .................................................. 4
- XXX: Humanities/Values ..................................................... 3

### SUMMER
- CHM 2046: Chemistry II/Lab ................................................ 3
- XXX: Social Sciences/Behavioral .......................................... 3
- PCB 4703: Human Physiology .............................................. 3
- XXX: Humanities/Ethics ....................................................... 3

## Sophomore Year

### FALL
- MLO: Social Sciences/Behavioral ........................................... 3
- PCB 4020: Human Physiology .............................................. 3
- XXX: Humanities/Ethics ....................................................... 3
- DMR 2010: Organic Chemistry I/II ....................................... 4

### SPRING
- SH: Statistics ........................................................................... 3
- PCB 2131: Cell Biology/Lab ................................................... 4
- MLS 3001: Intro to 417 (Optometry) ....................................... 2
- DMR 3232: Analytical Chemistry/Lab or CHM 2211: Organic Chemistry II/Lab .................................................. 4

### SUMMER
- MLO: Pathophysiology ............................................................ 3

## Junior Year

### FALL
- MLS 3020: Urinalysis/Body Fluids I/Lab .................................. 2
- MLS 4155: Clinical Chemistry I/II/Lab .................................. 2
- MLS 4324: Hemostasis & Thrombosis/Lab ................................ 2
- MLS 4450: Medical Microbiology/Lab ................................... 4

### SPRING
- MLS 4305: Hematology I/Lab ................................................ 4
- MLS 4460: Diagnostic Microbiology/Lab ............................... 4
- MLS 4305: Hematology I/Lab ................................................ 4

## Clinical (Senior) Year

### UNIVERSITY-BASED COURSES

### FALL
- MLS 4305: Hematology I/Lab ................................................ 4
- MLS 4450: Medical Microbiology/Lab ................................... 4
- MLS 4305: Hematology I/Lab ................................................ 4

### SPRING
- MLS 4305: Hematology II/Lab .............................................. 4
- MLS 4305: Hematology III .................................................... 4

## HOSPITAL-BASED COURSES

### FALL
- MLS 4305: Hematology I/Lab ................................................ 4
- MLS 4305: Hematology II ..................................................... 4

### SPRING
- MLS 4305: Hematology III ................................................... 4

## Students who have not completed two years of the same foreign language in high school, OR two semesters at a previous college, must meet that requirement prior to graduation. In case of a deficiency, the two foreign language courses must be added to this degree plan. See your advisor for details.

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**Clinical Lab Scientists**

- Hematology
- Blood Bank

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University of West Florida
Program in Clinical Laboratory Sciences
11000 University Parkway
Pensacola, FL 32514
uwf.edu/clinicallaboratories