

# Master of Science in Clinical Laboratory Sciences



**Make a discovery in a lab. Make a difference in a life.**

**Think about it – making a clinical diagnosis or treating a disease almost always requires testing. That testing requires a clinical laboratory scientist.**

You could help diagnose the flu, strep throat, diabetes or heart disease. You could provide safe, compatible components for a blood transfusion or assess the risk for future development of disease. Clinical laboratory scientists are at the heart of a full range of tests that provide information to keep people healthy.

**If you want to make a difference in the lives of others and play an integral role in healthcare, then Clinical Laboratory Sciences is for you.**

## Application Process

Apply through the UAB Graduate School online at [www.uab.edu/graduate](http://www.uab.edu/graduate)

### DEADLINE:

Early Admission - February 1st  
General Admission - May 1st

### REQUIREMENTS:

- BA or BS degree
- WES and TOEFL (Int'l students)
- Meet all graduate school requirements

### ALL STUDENTS MUST:

- Have personal insurance coverage [uab.edu/studenthealth](http://uab.edu/studenthealth)
- Complete required immunizations, background check and drug screen
- Complete additional screenings prior to clinical rotation placement

## Contact Information

### UAB DEPARTMENT OF CLINICAL AND DIAGNOSTIC SCIENCES

Admissions Office  
437 School of Health Professions Building  
1716 9th Ave S • Birmingham, AL 35294  
205.934.3209 • [AskCDS@uab.edu](mailto:AskCDS@uab.edu)



## Prerequisite Courses

(UAB or other institution)

COURSES		SEM HRS
MA 105	Precalculus Algebra	3
CH 115/116L	General Chemistry I	4
CH 117/118L	General Chemistry II	4
BY 123	Introductory Biology	4
CH 235/236L	Organic Chemistry I	4
BY 261 or BY 271	Microbiology	4
BY 210	Genetics	3

## Paying for College

For detailed tuition and fees information go to:  
[www.uab.edu/students/paying-for-college/detailed-tuition-and-fees](http://www.uab.edu/students/paying-for-college/detailed-tuition-and-fees)

### FINANCIAL AID

Students should apply for financial aid if they need assistance paying for college. Financial aid is awarded on an annual basis. Complete the Free Application for Federal Student Aid (FAFSA) annually. The application can be found at [www.fafsa.gov](http://www.fafsa.gov).

Instructions and UAB forms are available at [www.uab.edu/students/paying-for-college](http://www.uab.edu/students/paying-for-college).

### UAB SCHOOL OF HEALTH PROFESSIONS SCHOLARSHIPS

To view opportunities, find out deadlines, and access applications, log in to UAB's Blazer Scholarship Management and Resource Tool, BSMART, at [uab.edu/bsmart](http://uab.edu/bsmart).

Students majoring in programs within the School of Health Professions will be notified of award opportunities via email, each semester.

For more information, contact:

**School of Health Professions, Office of Student Recruitment, Engagement and Success**  
[shp@uab.edu](mailto:shp@uab.edu) or 205-934-4195  
**School of Health Professions Building (SHPB) 230**

Many degree programs in the School of Health Professions lead to licensure or professional certification. Requirements for licensure or certification may vary by state, even within a profession. Information about such requirements is available from the UAB State Authorization officer at [stateauth@uab.edu](mailto:stateauth@uab.edu) or (205) 934-3258.

## Program Curriculum (72 Credit hours)

COURSES		SEM HRS
<b>FIRST YEAR</b>		
<b>Fall (16 Hours)</b>		
CDS 500	Fundamentals of Phlebotomy	1
CDS 501	Professional Skills I	0
CLS 501	Introduction to Clinical Laboratory	3
CDS 610	Research Design and Statistics	3
CLS 503	Body Fluids	1
CLS 504	Body Fluids Lab	1
CLS 518	Immunology	3
CLS 528	Hematology I	3
CLS 529	Hematology I Lab	1
<b>Spring (15 Hours)</b>		
CDS 502	Professional Skills II	0
CDS 625	Analysis of Scientific Publications	3
CLS 523	Clinical Microbiology	3
CLS 524	Clinical Microbiology Lab	1
CLS 526	Instrumentation & Automation	2
CLS 527	Instrumentation & Automation Lab	1
CLS 532	Hematology II	3
CLS 533	Hematology II Lab	1
CLS 698	Non-thesis Research	1
<b>Summer (14 Hours)</b>		
CLS 530	Immunohematology	4
CLS 531	Immunohematology Laboratory	1
CLS 538	Infectious Diseases	3
CLS 539	Infectious Diseases Laboratory	1
CLS 542	Molecular Diagnostics	3
CLS 543	Molecular Diagnostics Lab	1
CLS 698	Non-thesis Research	1
<b>SECOND YEAR</b>		
<b>Fall (13 Hours)</b>		
CDS 503	Professional Skills III	1
CLS 505	Laboratory Management	3
CLS 551	Clinical Chemistry	4
CLS 552	Clinical Chemistry Laboratory	1
CLS 560	Clinical Correlations	3
CLS 698	Non-thesis Research	1
<b>Spring (14 Hours)</b>		
CLS 570	Professional Development	1
CLS 595	Clinical Practice	12
CLS 698	Non-thesis Research	1

UAB is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award degrees at the baccalaureate, master's, specialist, and doctoral levels.

The University of Alabama at Birmingham prohibits discrimination in admission, educational programs, and other student matters on the basis of race, color, religion, sex, sexual orientation, gender identity, gender expression, age, national origin, disability unrelated to program performance, veteran status or genetic or family medical history.

UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration and procedures. Call 205 934-4205 or visit [uab.edu/dss](http://uab.edu/dss).