



Application Process

Application is made through the UAB Graduate School. Admission forms are available from the UAB Graduate School or online at www.uab.edu/graduate/

Application Deadline:

Early admission deadline is February 1st.
General admission deadline is May 1st.

Contact Information

Department of Clinical and Diagnostic Sciences Admissions Office

430 School of Health Professions Building
1705 University Boulevard
Birmingham, AL 35294-1212
205.934.3209 | AskCDS@uab.edu

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 providing critical information to keep people healthy.

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



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

ADMISSION REQUIREMENTS

Students must have a BA or BS degree, have taken the GRE and TOEFL (if your native language is not English), meet all graduate school requirements, and be accepted to the graduate program (www.uab.edu/graduate).

Estimated Expenses 2016-2017

(Subject to change at the beginning of any term)

TUITION

In-State	\$740 (first credit hour) \$510 (subsequent hours)
Out-of-State	\$1,435 (first credit hour) \$1,203 (subsequent hours)

FEES

Online Course Fee	\$250/course
Parking Fee	\$130/annually (optional)
Laboratory Fee	\$150/course
Graduation Fee	\$50
Certification Exam Fee	\$225
Certificate Fee	\$20
Professional Membership	\$29

REQUIREMENTS

Medical Insurance**

Background Check/Drug Screen*** \$78

**All students are required to have personal insurance coverage. Visit uab.edu/studenthealth for more info.

*** If admitted, SHP students are required to submit immunizations documentation and complete a background check and drug screen. A second drug screen and background check will be completed prior to placement in a clinical rotation. Students will receive additional instructions upon program admission.

Clinical Laboratory Sciences

Curriculum (72 total hours)

FIRST YEAR

SEM HRS

Fall (16 Hours)

CDS 500	Fundamentals of Phlebotomy	1
CDS 501	Professional Skills I	0
CDS 610	Research Design and Statistics	3
CLS 500	Health and Safety Management	1
CLS 503	Body Fluids	1
CLS 504	Body Fluids Lab	1
CLS 506	Laboratory Techniques	2
CLS 518	Immunology	3
CLS 528	Hematology I	4

Spring (15 Hours)

CDS 502	Professional Skills II	0
CDS 625	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	4
CLS 698	Non-thesis Research	1

Summer (14 Hours)

CLS 530	Immunochemistry	4
CLS 531	Immunochemistry 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

SECOND YEAR

Fall (13 Hours)

CDS 503	Professional Skills III	0
CDS 504	Professional Skills IV	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

Spring (14 Hours)

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.