Medical Technology

Bachelor of Science

Why a degree in Medical Technology?

- Opportunity to make an impact in health care by performing tests used in the diagnosis and treatment of diseases.
- Obtain skills in multiple disciplines (microbiology, chemistry, hematology, immunology and immunohematology) preparing graduates for national certification and positions throughout the country.
- Opportunities for employment include physician’s office laboratories, hospital laboratories, research, sales/technical representative, public health/infection control, and many more.
- Practitioners use state-of-the-art laboratory instrumentation, perform chemical tests and microscopic analysis, cross-match blood for transfusions, isolate and identify infectious bacteria from cultures, and identify abnormal blood cells and antibodies.
- An opportunity to apply your scientific aptitude and interest in helping people.

Top Reasons to Get Your Degree Here:

- Clinical experiences in a variety of service settings.
- Located in a major medical center with outstanding faculty who share a national and international reputation.
- UAB is one of the leading U.S. medical centers and Alabama’s only Carnegie I classified University.
- Great job opportunities after graduation

Application Process

Application Deadline: First Priority—May 1st; after May 1st, considered on space available basis. Application to UAB is made through Undergraduate Admissions (forms are available from Undergraduate Admissions or on-line from the Web page www.uab.edu/students). Application to the professional phase is made directly to the program.

Requirements for Admission: A minimum cumulative grade point average of 2.3; a minimum cumulative grade point average of 2.3 in Natural Sciences and Mathematics prerequisites in Area III and Area V, calculated on all hours attempted and, if accepted, applicants must complete the UAB medical history questionnaire, provide proof of all required immunizations, TB skin test, tetanus shot and receive satisfactory screening by the UAB Medical Center Student Health Service. Student will also need to create a profile in Certified Background which is requirement of all UAB School of Health Profession students. After admission into the program, student will receive further instructions pertaining to Certified Background.

Essential Requirements: Fundamental tasks, behaviors, and abilities necessary to successfully complete the academic and clinical/residency requirements of the program and to satisfy licensure/certification requirements, if any, have been outlined and are available upon request from the academic program office. Students requesting disability accommodations must do so by filing a disability accommodation request in writing with the UAB Disability Support Services (www.uab.edu/dss).

For More Information Contact

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
UAB/Program Core Curriculum (Equivalents)  

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>I. Written Composition (6 Hours)</td>
<td>6</td>
</tr>
<tr>
<td>II. Humanities and Fine Arts (12 hours)</td>
<td>3</td>
</tr>
<tr>
<td>III. Natural Sciences and Mathematics (11 hrs)</td>
<td>8</td>
</tr>
<tr>
<td>IV. History, Social, &amp; Behavioral Sciences (12 hrs)</td>
<td>3</td>
</tr>
<tr>
<td>V. Pre-professional, Major, &amp; Elective Courses (19-23 hrs)</td>
<td>3</td>
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</tbody>
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**Area I. Written Composition (6 Hours)**  
English Composition I, II (EH 101,102) 6

**Area II. Humanities and Fine Arts (12 hours)**  
- Literature 1 1
- Fine Arts Elective 3
- Speech (CM 101) 3
- Elective 1

**Area III. Natural Sciences and Mathematics (11 hrs)**  
- Precalculus Algebra (MA 105) 3
- General Chemistry I (CH 115/116, 117/118) 2
- Organic Chemistry (CH 235/236) 2
- Biology (BY 123) 4
- Microbiology (BY 261 or BY 271) 4
- Genetics (BY 210) 3

**Area IV. History, Social, & Behavioral Sciences (12 hrs)**  
- History 3
- Social and Behavioral Sciences 6
- Elective 1

**Area V. Pre-professional, Major, & Elective Courses (19-23 hrs)**  
- Computing Fundamentals (CS 101) 3
- Statistics (MA180/PY 214) 3
- Organic Chemistry (CH 235/236) 2
- Biology (BY 123) 4
- Microbiology (BY 261 or BY 271) 4
- Genetics (BY 210) 3

1 A 6-semester hour sequence either in literature or in history is required; if a second literature is chosen, it will apply as 3 of the elective hours in Area II, Humanities and Fine Arts; if a second history is chosen, it will apply as 3 of the elective hours in Area IV, History, Social, and Behavioral Sciences.  

2 Course must be those required for a major and include laboratory.

### Estimated Expenses 2014 - 2015

<table>
<thead>
<tr>
<th>Fees</th>
<th>$566 first credit hour/ $351 each additional credit hour</th>
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</thead>
<tbody>
<tr>
<td>Tuition²</td>
<td>$566 first credit hour/ $351 each additional credit hour</td>
</tr>
<tr>
<td>Student Health Service Fee</td>
<td>$100 per semester</td>
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<tr>
<td>On-line Course Fee</td>
<td>$250 per course</td>
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<tr>
<td>Laboratory Fee</td>
<td>$50 per course</td>
</tr>
<tr>
<td>Campus Dining Fee (12 hrs or more)</td>
<td>$225 per semester</td>
</tr>
</tbody>
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**Additional Expenses**  
- Hospitalization Insurance² (optional) $1722
- Medical History Review Fee $5
- Parking (annually) $130
- Professional membership (optional) $35
- Background Check/Drug Screen $78
- Books, Uniform, Supplies Variable
- Graduation Fee $50
- Certification Exam Fee $225

1 Fees subject to change at the beginning of any term.  
2 Out-of-state: $1038 first hour / $823 each additional hour  
3 Required of all students unless evidence is provided of current hospitalization insurance.

### Typical Program: Medical Technology

#### FALL: 12 Semester Hours

- MT 400 Health and Safety Management 1
- MT 403 Body Fluids 1
- MT 404 Body Fluids Lab 1
- MT 405 Laboratory Management 3
- MT 406 Laboratory Techniques 2
- MT 418 Immunology 3
- CDS 400 Fundamentals of Phlebotomy 1

#### SPRING: 11 Semester Hours

- MT 423 Clinical Microbiology 3
- MT 424 Clinical Microbiology Lab 1
- MT 426 Instrumentation & Automation 2
- MT 427 Instrumentation & Automation Lab 1
- MT 442 Molecular Diagnostics 3
- MT 443 Molecular Diagnostics Lab 1

#### SUMMER: 13 Semester Hours

- MT 428 Hematology I 4
- MT 430 Immunohematology 4
- MT 431 Immunohematology Lab 1
- MT 438 Infectious Diseases 3
- MT 439 Infectious Diseases Lab 1

#### FALL: 14 Semester Hours

- MT 432 Hematology II 4
- MT 451 Clinical Chemistry 4
- MT 452 Clinical Chemistry Lab 1
- MT 455 Research Principles 2
- MT 460 Clinical Correlations 3

#### SPRING: 13 Semester Hours

- MT 470 Certification Review 1
- MT 495 Clinical Practice 12

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The University of Alabama at Birmingham administers its educational programs and activities, including admission, without regard to 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. Inquiries or complaints regarding this Equal Opportunity Policy should be directed to the Office of the Vice Provost for Student and Faculty Success, 701 20th Street South, Administration Building 1015, Birmingham, Alabama 35294-0110. The full text of the University's Equal Employment Opportunity Policy can be found in the undergraduate, graduate and professional school catalogs as well as Direction Student Handbook.

The University of Alabama at Birmingham is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the bachelor’s, master’s, specialist and doctoral levels.

This information represents what is current at the time of printing this publication and is subject to change. Applicants should contact their program at the School of Health Professions to verify the requirements for the year for which application to the professional phase will be made.

UAB is committed to making its academic program and services accessible to students with disabilities. If you have a specific accommodation request, please contact UAB Disability Support Services at (205) 934-4205 (voice) or (205) 934-4248 (TDD), or visit us at 9th Avenue Office Building (1701 9th Avenue South). It’s best to register with DSS when you apply to UAB.

05/2014