

Bachelor of Science in
Biomedical Sciences



**More flexible. More competitive.
More like you.**

**Do you want a flexible, unique major that gives
you the best advantage in the ever-changing world of
healthcare?**

The Bachelor of Science in Biomedical Sciences program at UAB lets you choose from numerous electives to design your degree to fit your goals.

Do you plan to choose a career in medicine, physician assistant studies, dentistry, physical therapy, biotechnology, clinical laboratory sciences or other health related professions?

**Then choose the degree that will take you there:
UAB Biomedical Sciences**

Application Process

Apply through UAB Admissions online at www.uab.edu/students/admissions/apply

REQUIREMENTS:

- ACT Composite Score of 22 or higher.
- Must place in or have credit for Pre-Calculus with Algebra or higher and English Composition or higher
- GPA of 2.75 or higher

ALL STUDENTS MUST:

- Have personal insurance coverage uab.edu/studenthealth
- Complete required immunizations, background check and drug screen

Contact Information

**UAB DEPARTMENT OF CLINICAL
AND DIAGNOSTIC SCIENCES**

Biomedical Sciences Program
424 School of Health Professions Building
1716 9th Ave S • Birmingham, AL 35294
205.996.4721 • bmd@uab.edu



UAB/Program Core Curriculum

(Equivalents)

COURSES	SEM HRS
Area I. Written Composition (6 hrs)	
English Composition I, II (EH 101,102)	6
Area II. Humanities and Fine Arts (12 hrs)	
Literature *	3-6
Public Speaking (CMST 101) recommended	3
Fine Arts Elective	3
Elective * 3-6	
Area III. Natural Sciences and Mathematics (11 hrs)	
Precalculus Trigonometry (MA 106) or higher **	3-4
Intro Chemistry (CH115/116, 117/118)	8
Area IV. History, Social, & Behavioral Sciences (12 hrs)	
History *	3-6
Anthropology, Economics, Geography, Political Science, Psychology, Sociology ***	6-9
Elective *	3
Area V. Pre-professional, Major, & Elective Courses (24 hrs)	
Freshman Year Experience (HRP 101 or equivalent)	2
Introductory Biology I and II (BY 123, 124)	8
Organic Chemistry I and II (CH 235/236, 237/238)	8
Statistics (HCM 360, MA 180, QM214, PUH 250 or PY 216)	3-4
Research Methods (BMD 380, HCM 460, PY 315)	3

* A 6 hour sequence 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; if a second history is chosen, it will apply as 3 of the elective hours in Area IV.

** Calculus I (MA 125) may be required by some post-graduate programs and is highly recommended.

*** Should be chosen based on post-graduate program pre-requisite requirements. Psychology and Sociology electives are highly recommended.

Program Curriculum

COURSES	SEM HRS
BMD Seminar Courses (3 hrs.) *	
BMD 150 Intro to the Biomedical Sciences	1
BMD 201 Contemporary Issues in Biomedical Sciences	1
BMD 202 Survey of Biomedical Sciences Lit.	1
BMD Foundational Courses (37 hrs.)	
NTR 222 Nutrition and Health	3
CDS 420 Competencies in Genetics for HP	2
BMD 310 Clinical Anatomy and Histology	4
BMD 315 Clinical Physiology & Pharmacology for HP I	4
BMD 317 Clinical Physiology & Pharmacology for HP II	4
BMD 320 Survey of Cell Biology for HP	3
BMD 330 Clinical Microbiology for HP	3
BMD 410 Clinical Biochemistry for HP	3
BMD 420 Pathophysiology for HP	4
BMD 430 Clinical Immunology for HP	3
BMD 475 Capstone Experience	4

Elective Study (18 hrs.) **

Electives specific to BMD and post-professional program requirements*

* With Program Director permission, up to 3 hrs. of Directed Reading in Biomedical Sciences (BMD 490) can satisfy this requirement.

** Elective Options defined by program based on program and departmental course offerings. Additional Elective Options can be approved by Program based on a specific student's degree interest. Physics sequence may be required as a post-graduate program pre-requisite requirement and can be chosen as electives within the BMD curriculum.

Up to 6 hrs. of School of Health Professions Honors Program courses may count as electives with Program Director's approval.

Paying for College www.uab.edu/students/paying-for-college/detailed-tuition-and-fees

UAB SCHOOL OF HEALTH PROFESSIONS SCHOLARSHIPS

Log in to UAB's Blazer Scholarship Management and Resource Tool, BSMART, at uab.edu/bsmart.

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

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.