

Knowledge that will change your world

Master of Science in

# Biotechnology



"The UAB Biotechnology program showed me how you can turn innovation and discovery into opportunity. We were able to see how scientific discoveries fit into the real world and progress to a product that actually made a difference. I learned many valuable lab techniques that are sought after by employers and needed in everyday scientific work. The UAB Biotechnology program prepared me for working in a company – not just doing research for the sake of research."

— Eric Quick

"The best part of the program is being able to learn from accomplished biotech industry veterans and then also apply what you have learned in the classroom and labs to a real world internship experience. The UAB Biotechnology program allowed me to work with some of the biopharma industry's best and brightest on therapeutics that have the potential to help improve human health. The program prepares you to immediately begin making an impact in a very exciting industry."

— John McCarter, class of 2011

# Dream it. Think it. Solve it.

Don't dream about solving problems – solve them. The UAB Biotechnology Program will train you to see the solution and be the solution. Our students are visionary leaders working on tomorrow's answers today.

#### It's as simple as A, B, C

Apply – convenient online form to fit your busy world

**B**uild – add to your foundation of knowledge and expertise

Capitalize – career advantages increase exponentially

UAB Biotechnology teaches you both the science and the business of technology and product development. Work directly with biotech companies. They bring you real-world challenges; you deliver real-world results.

One year will change your life.

### **Application Deadline:**

**Final Admission - May 31** 

#### Contact Information

# Department of Clinical and Diagnostic Sciences

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

### **Prerequisite Courses**

(UAB or other institution)

COURSES		SEM HRS
MA 105	Pre-Calculus Algebra	3
CH 115/116L	General Chemistry I	4
CH 117/118L	General Chemistry II	4
BY 123	Introductory Biology	4
BY 210	Genetics	3

## Estimated Expenses 2014-2015

(Subject to change at the beginning of any term)

#### **TUITION & FEES**

Tuition*	\$691 first credit	
	hour/\$476 subsequent	
Student Health Service Fee	\$100 per semester	
On-line Course Fee	\$250 per course	
Laboratory Fee	\$100 per course	

#### **ADDITIONAL EXPENSES**

Medical History Review Fee	\$5
Parking	\$130 (annually)
Professional Membership	\$29 (optional)
Graduation Fee	\$50
Background Check and Drug Screen	\$78

<sup>\*</sup> Out-of-state: \$1,333 first hour/\$1,118 subsequent

(Additional fees may be incurred during the program.)

# **Professional Phase Curriculum**

(36 Hours)

Students must have a BA or BS degree, meet all graduate school requirements, and be accepted to the graduate program (www.uab.edu/graduate).

COURSES		SEM HRS	
Fall (11 Hours)			
BT 500	Principles of Biotechnology I	3	
BT 650	Applications of Biotechnology I	1	
BT 670	Bench to Commercialization I	3	
BT 676	Innovative Technologies		
	in Biotechnology	1	
CDS 501	Professional Skills I	0	
CDS 610	Research Design and Statistics	3	
Spring (1	3 Hours)		
BT 550	Principles of Biotechnology II	3	
BT 651	Applications in Biotechnology II	1	
BT 671	Bench to Commercialization II	3	
BT 676	Innovative Technologies		
	in Biotechnology	1	
BT 695	Biotechnology Internship	1	
BT 698	Non-Thesis Project	1	
CDS 502	Professional Skills II	0	
CDS 625	Scientific Publications	3	
Summer	(15 Hours)		
BT 600	Principles of Biotechnology III	3	
BT 652	Applications in Biotechnology III	1	
BT 672	Bench to Commercialization III	3	
BT 676	Innovative Technologies		
	in Biotechnology	1	
BT 695	Biotechnology Internship	2	
BT 698	Non-Thesis Project	4	
CDS 503	Professional Skills III	0	
CDS 504	Professional Skills IV Portfolio	1	

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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.

<sup>\*\*</sup> All students are required to have personal insurance coverage. See the UAB Student Health and Wellness site for more information (http://www.uab.edu/studenthealth/insurance-and-waivers/mandatory-insurance-waivers)