

U-MASS BIOTECH CERTIFICATE PROGRAM

Application for Admission: Complete this form and retain a copy. The submitted form will serve as your application. Once you have completed and are enrolled in all the required courses, complete the remainder of the form which will be used to verify completion of all requirements. Return all forms to John Burand in the Department of Microbiology Rm 202A Fernald Hall. Email: jburand@microbio.umass.edu

APPLICANT INFORMATION

Last Name	First	M.I.	Date
Campus Address		Apartment/Unit #	
City	State	ZIP	
Permanent Address		Apartment/Unit #	
City	State	ZIP	
Phone	E-mail Address		
Major	Exp Grad Date	U-Mass ID#	
Date application/ courses completed		Approved by:	

REQUIRED COURSES TAKEN

One of the following introductory courses is required:

BIOCHEM 285/275 (3cr) - Cellular & Molecular Biology	Grade:
Term/Year Taken:	Approved by:
BIOLOGY 285 (3cr) - Cellular & Molecular Biology	Grade:
Date Taken:	Approved by:
ANIMLSCI 200 (3cr) - Animal Cell & Molecular Biology	Grade:
Date Taken:	Approved by:
Other:	Grade:
Date Taken:	Approved by:

REQUIRED LABORATORY COURSES TAKEN

The following is a required laboratory course:

MICROBIO /ANIMLSCI 385 (4cr) – Laboratory in Biotechnology	Grade:
Date Taken:	Approved by:

REQUIRED INDEPENDENT STUDY OR INTERNSHIP TAKEN

*A laboratory based independent study or internship (3 credits minimum): **This must have prior approval program director***

Title and Course Number:	Grade:
Date Taken:	Advisor:
Description:	Approved by:

REQUIRED COURSES TAKEN

A minimum of 5 credits of biotechnology related courses (see list below of approved courses):

Title and Course Number:	Grade:
Date Taken:	Approved by:
Title and Course Number:	Grade:
Date Taken:	Approved by:
Title and Course Number:	Grade:
Date Taken:	Approved by:
Title and Course Number:	Grade:
Date Taken:	Approved by:

- MICROBIO 310 (3cr) - General Microbiology – Taught Spring and Fall Semester
- MICROBIO 312 (3cr) - General Microbiology Lab– Taught Spring and Fall Semester
- MICROBIO 265 (1cr) – Introductory Microbiology Lab - Taught Spring and Fall Semester
- STOCKSCH 597A (3cr) - Phyto/Bioremediation - Taught alternate Fall Semesters
- BIOCHEM 526 (3cr) – General Biochemistry Lab – Substitutes for MICROBIO /ANIMLSCI 385
- MICROBIO 330 (3cr) – Microbial Genetics - Taught every Spring Semester
- ANIMLSCI 572 (3cr) - Infection & Immunity – Taught every Spring Semester
- MICROBIO 542 (3cr) – Immunology Lab – Taught every Spring Semester
- MICROBIO 570 (3cr) - Animal Virology – Taught every Spring Semester
- MICROBIO 480 (3cr) - Microbial Physiology - Taught every Spring Semester
- MICROBIO 590S (3cr) – Parasitology – Taught every Spring Semester
- MICROBIO 562 (3cr) – Environmental Biotechnology - Taught every Spring Semester
- BIOLOGY 283 (3cr) – General Genetics – Taught every Spring Semester
- BIOLOGY 510 (3cr) – Plant Physiology – Taught every Spring Semester
- Other biotechnology related courses pending approval of the program director

DISCLAIMER AND SIGNATURE

Students must submit this application form for the certificate program and in so doing agree to have their transcripts made available to the program director for approval. **Once you have completed and are enrolled in all the required courses, complete the remainder of the form which will be used to verify completion of all requirements.**

Signature

Date
