

Certificate

Biotechnology Engineering

This online certificate provides the fundamental knowledge and skills in biotechnology engineering including design, manufacturing, quality, and regulatory requirements.

Total Units: 24

The Biotechnology Engineering program consists of four required courses and two elective courses.

Completion time: 2 quarters (full-time) / 3 quarters to 1.5 years (part-time)

Eligible and approved for:

WIOA & VA Benefits

Offered 100% online

Required

16 Units | 4 Courses

COURSE NAME & NUMBER	UNITS	Typically Offered*			
		FALL	WINTER	SPRING	SUMMER
Fundamentals of Biotechnology Engineering BIOENGR X 431.1	4.0	Online		Online	
Manufacturing Processes in Biotechnology BIOENGR X 431.2	4.0		Online		Online
Process Development and Quality Systems for Biotechnology BIOENGR X 431.3	4.0	Online		Online	
Regulatory Affairs for Biotechnology BIOENGR X 431.4	4.0		Online		Online

Electives

8 Units | Choose 2 Courses

COURSE NAME & NUMBER	UNITS	Typically Offered*			
		FALL	WINTER	SPRING	SUMMER
Six Sigma Green Belt MECH&AE X 428.69	4.0	Classroom Online	Classroom Online	Classroom Online	Classroom Online
Lean Six Sigma Black Belt I MECH&AE X 428.80	4.0	Online	Online	Online	Online
Lean Six Sigma Black Belt II MECH&AE X 428.90	4.0	Online		Online	
Fundamentals of Medical Device Engineering BIOENGR X 430.1	4.0	Online		Online	
Regulatory Affairs for Medical Devices BIOENGR X 430.2	4.0		Online		Online
Process Development and Quality Systems for Medical Devices BIOENGR X 430.3	4.0	Online		Online	
Biomaterials and Biocompatibility BIOENGR X 430.4	4.0		Online		Online
Medical Device Manufacturing: Processes, Equipment, and Techniques BIOENGR X 430.5	4.0	Online		Online	

Please Note:

An application and nonrefundable fee are required to establish candidacy in this program. The application & candidacy fee establishes your candidacy in the program for a period of time covering normal progress toward completion, and may allow you to access a variety of program benefits. [Apply Now](#).

*Courses in this program are typically offered during the quarters outlined above and offered exclusively online. Scheduling is subject to change at any time by UCLA Extension.

Please visit our website for all current course offerings.

Contact Us

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