

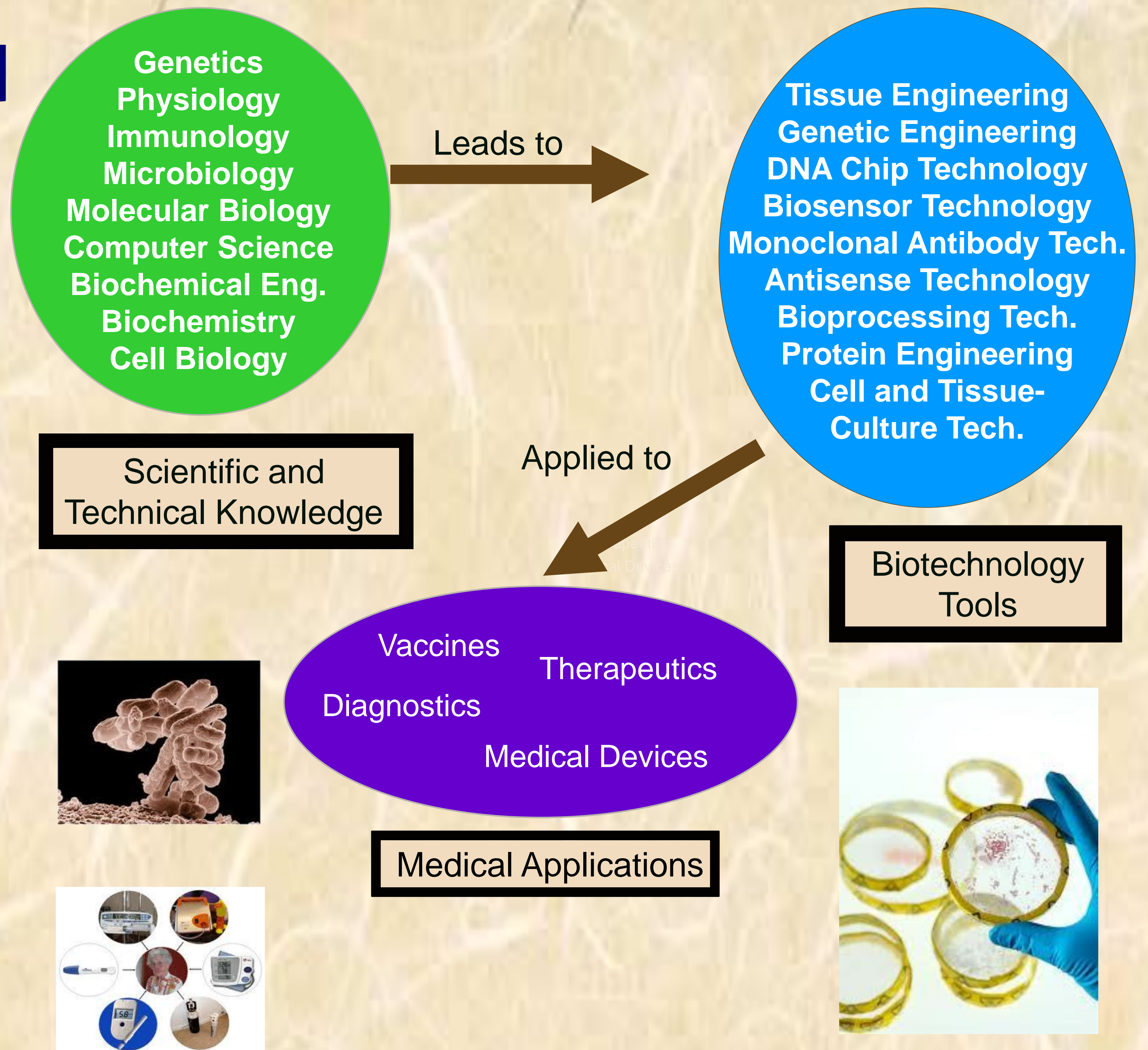
MASTER OF SCIENCE IN MEDICAL BIOTECHNOLOGY

What is medical biotechnology?

Medical Biotechnology is the application of biological processes and products in the development and application of drugs, vaccines and biologics along with development of the equipment for therapeutic procedures and the associated disposables.

Our mission

The Masters of Medical Biotechnology Program at the University of Illinois Rockford, educates women and men to be critical thinkers and self-motivated learners that understand and apply relevant scientific principles to biotechnology. Students will also gain an appreciation of the regulatory and ethical framework that biotechnology works within, along with its role in society.



Typical study plan for a 2-year program

Course requirements

Core Subjects	20 Credits
Elective Subjects	At least 6 Credits
Master's Project Research	At least 8 Credits

Minimum number of credit hours required: 34

	YEAR 1		
	Fall	Spring	Summer
CORE COURSES	MBT 505 Molecular Biology	MBT 511 Biostatistics	
	MBT 506 Immunology	MBT 504 Protein Science	
	MBT 510 Bioethics	MBT 501 Cell Biology	
	MBT520 Biotech Product Development	MBT 513 Research Planning, Design and Execution	
ELECTIVE COURSES	Elective	Elective	
RESEARCH PROJECT			BMT 597 Master's Project

	YEAR 2	
	Fall	Spring
CORE COURSES	MBT 595 Student Seminar in Med. Biotech.	
ELECTIVE COURSES	Elective	
RESEARCH PROJECT	BMT 597 Master's Project	BMT 597 Master's Project

The program may be completed in 18 months depending upon the student's ability to complete the master's project.

List of available electives

- MBT521
Techniques & Processes in Biotechnology
- MBT 522
Applied Medical Biotechnology
- MBT 523
Biotechnology Engineering
- MBT 524
Microbiology
- MBT 525
Drug Design and Discovery
- MBT 526
Safety Assessment of Drugs and Devices
- MBT 527
Design and Execution of Clinical Trials
- MBT 528
Basic Bioinformatics

Are you interested?

For more information, please contact Janet Stull Snow, Admissions & Records, at the program office 815-395-5728 or jss@uic.edu

For specific degree questions, contact:

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Who may find this course useful?



What value does the program offer to employers?

