



Eastern Mediterranean University

"Virtue, Knowledge, Advancement"

Faculty of Arts & Sciences

Department of Biological Sciences

Starting
from **FALL**
2019

Master's Program in

Medical Biotechnology

PROGRAM DETAILS

Duration of Study

1 Year

Language of Study

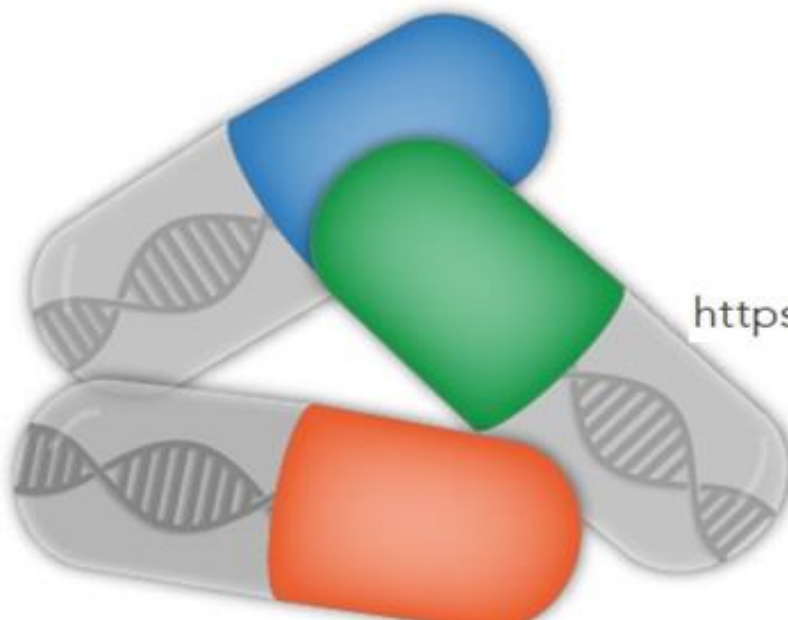
English

Thesis Option

Non-Thesis

Degree Awarded

**MS in
Medical Biotechnology**



APPLY NOW

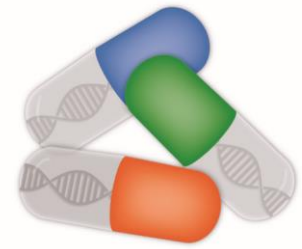
<https://applyonline.emu.edu.tr/grad/>

Contact

Department of Biological Sciences
Medical Biotechnology Program
E-mail: med.biotech@emu.edu.tr



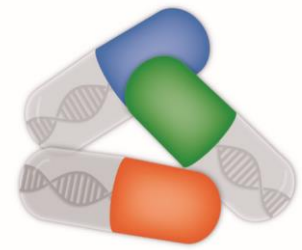
Outline



1. Introduction to Medical Biotechnology
2. Career Options
3. Curriculum
4. YÖK Approval
5. Admission Requirements
6. Administration
7. Frequently Asked Questions
8. Online Application Form
9. Contact Information



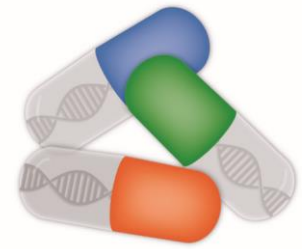
1. What is Medical Biotechnology?



- Medical Biotechnology is a branch of biotechnology with the goal of treatment, diagnosis and prevention of diseases
- Applications in different fields:
 - diagnostics
 - therapeutics
 - drug development.



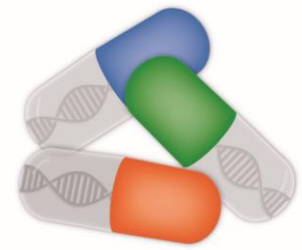
2. What can you do after graduation?



- Graduates of Medical Biotechnology have a wide range of career opportunities including but not limited to:
 - positions in biotechnology sector,
 - diagnostic and molecular laboratories,
 - pharmaceutical industry
 - further graduate studies.



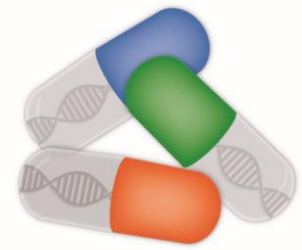
3. Curriculum



- 1 Year Program
- In English
- Non-thesis
- 10 Courses in total
- 30 EMU Credits
- Master of Science degree in Medical Biotechnology



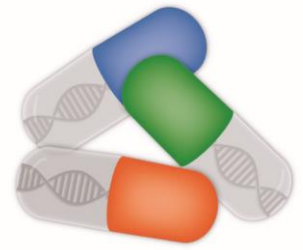
3. Curriculum



- Compulsory Courses:
 - BIOL501 Molecular Biology and Genetics (3 credits)
 - BIOL502 Fundamentals of Biotechnology (3 credits)
 - BIOL599 Term project (non-credit)
- Elective Courses:
 - 8 different elective courses
 - wide range of elective courses:
 - BIOL503 Genome Editing and Gene Therapy;
 - BIOL507 Medical Biotechnology in Diagnostics and Therapeutics
 - BIOL508 Biomarkers and Drug Development
 - BIOL509 Applications of Biotechnology in Assisted Reproduction
 - BIOL512 Vaccines and Immunity.



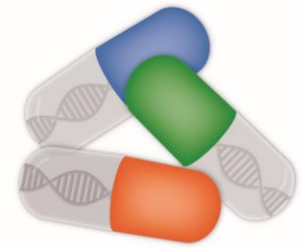
4. YÖK Approval



- EMU's Medical Biotechnology curriculum has been approved by Higher Education Council, of Turkey.



5. Admission Requirements

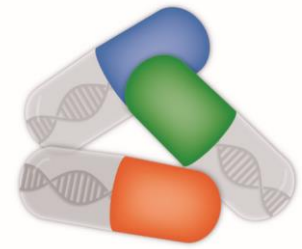


- Bachelor's degree in molecular biology and genetics, or a related natural or molecular sciences field
- CGPA of 2.50/4.00 and above

Candidates who do not fulfill the required criteria, may be required to take deficiency courses offered as part of EMU's Molecular Biology and Genetics undergraduate program.



6. Who is who in the administration



- Program is administered by the
Department of Biological Sciences



Program Graduate Committee Chair
Assist. Prof. Dr. Adil Şeytanoğlu

Department Chair, Prof. Dr. Bahar Taneri
Department Vice Chair, Assist. Prof. Dr. Burak Ali Çiçek

- and the EMU Institute of Graduate Studies
and Research



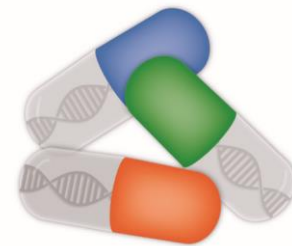
Institute Director
Prof. Dr. Ali Hakan Ulusoy



Administrator
Kutlay Hakseven



7. Frequently Asked Questions



- Access to this information online:

<https://fas.emu.edu.tr/en/programs>

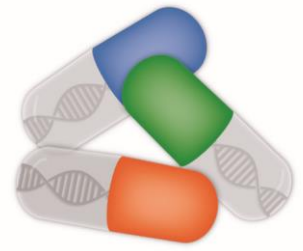
<https://grad.emu.edu.tr/en/programs/masters>

<https://www.emu.edu.tr/en/programs/medical-biotechnology-masters-program-without-thesis/1570>

- Tuition and fees: <https://grad.emu.edu.tr/en/fees/tuition-fees>
- Scholarship Opportunities: <https://grad.emu.edu.tr/en/fees/scholarships>



8. How to Apply

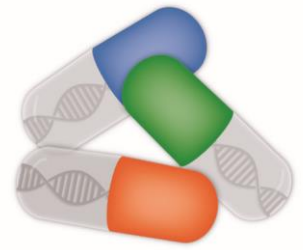


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9. Contact Us



med.biotech@emu.edu.tr

