



Department of Molecular Biology and Genetics (English)

Graduation Projects & Thesis

Important Announcements:

1. Due to departmental regulations, 30% of the total number of students enrolled in MBG 493 will be allowed to choose a supervisor outside the department.
2. Students should directly contact the faculty member for the proposed project titles. In case of acceptance, the coordinator should be informed by the faculty member.
3. The students can choose a co-supervisor outside the faculty/university. However, the main supervisor must be among the full-time faculty members of Faculty of Engineering and Natural Sciences.
4. Graduation Project lists must be approved by the Departmental Board.

General Information

Graduation Project Coordinator for MBG-EN (students & faculty) :

Assist. Prof. Dr. Pınar Öz (pinar.oz@uskudar.edu.tr)

Graduation Thesis Coordinator for MBG-EN (students & faculty) :

Prof. Dr. Tunç Çatal (tunc.catal@uskudar.edu.tr)

It is obligatory for 4th year MBG EN students to take MBG 493 Graduation Project and MBG 494 Graduation Thesis courses in their final year.

The Graduation Project Coordinator arranges the announcement of proposed project titles and monitors the student admissions. However, it is student's responsibility to choose and contact the faculty member for the listed projects. The faculty members will decide on admissions.

About the projects

- MBG 493 Graduation Project will be prepared in the format determined by the advisor, related to the proposed project title.
- All projects must be in English.
- Project title can change throughout the term, however, it is advised that it remains in the same area. When there is a change in the project title, the MBG 493 coordinator should be informed by the student/faculty member before November 5, 2020
- MBG 494 Graduation Thesis ideally stays within the same area/subject, however, Project and Thesis titles must be different. The Thesis can use the information gathered in the Project, however, the content should not be entirely the same.
- The course grading will be performed by the faculty members. Suggested grading system is
 - Progress Report(s) % 50
 - Final Report % 50

However, this can be changed by the faculty member, as they deem appropriate.

- The format of MBG 493 Graduation Project reports will be provided by the faculty member, there will not be a general format.

Important Deadlines

End of student admissions for open projects	November 1, 2020
Announcement of final lists	November 2, 2020

Current Status

Number of Students Expected to Enroll for MBG 493	: 78
Min. # of students / faculty member (MBG-EN)	: 10
Max. Number of Students That Can Apply for Projects Outside the Department	: 26
Number of Students Currently Listed in a Project	: 32
Number of Open Positions for Projects	: 9 (+10)
Number of Students Listed for Projects Outside the Department	: 1

Faculty Member (MBG – EN)	Number of Suggested Projects	Number of Open Positions
Prof. Dr. Muhsin Konuk		(+10)
Prof. Dr. Tunç Çatal	10	4
Prof. Dr. Sevim Işık	10	0
Assist. Prof. Dr. Pınar Öz	10	5
Assist. Prof. Dr. Shirin Tarbiat	10	0
TOTAL	40	9 (+10)
Faculty Member (Other)	Number of Suggested Projects	Number of Open Positions
Assist. Prof. Dr. Can Timuçin	1	0
TOTAL	1	0
	Total Number of Suggested Projects	Total Number of Open Positions
	40	10 (+10)

Projects Offered From Department of Molecular Biology And Genetics (English)

Faculty Member	Project Title	Project Type	Quota	Open Quota	Prerequisite
Prof. Dr. Muhsin Konuk					
Prof. Dr. Tunç Çatal	(To be arranged)	Experimental	4	0	
		Review	6	4	
Prof. Dr. Sevim Işık	Stem cell technologies	Review	7	0	Only MBG-EN students, MBG342
	Cancer pathways	Review	2	0	
	Molecular pathways related Parkinson Disease	Experimental	1	0	Only MBG-EN students
Assist. Prof. Dr. Pınar Öz	Evolution of sleep-related neurochemical pathways	Review	3	2	Only MBG-EN students, MBG307(BA or higher), MBG435
	Agmatinerbic pathways				
	Teratogenic substances and neural development defects	Review	2	2	Only MBG-EN students, MBG307(BA or higher), MBG326(AA), MBG435
	In vitro tissue culture models for neurodegenerative disorders	Review	3	0	Training in Neurochemistry Lab, MBG435
	Numerical models of adult neurogenesis	Experimental (Computational)	2	1	MBG307(BA or higher), MBG326(BA or higher), Proficiency in Matlab
Assist. Prof. Dr. Shirin Tarbiat	(To be arranged)	Review	10	0	Only MBG-EN students



Assigned Projects from Other Departments

Faculty Member	Project Title	Project Type	Status
Assist. Prof. Can Timuçin (Chemical Eng.)	The role of P52 transcription factor in cancer	Review	Students Assigned