

FIRAT UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
DEPARTMENT OF BIOTECHNOLOGY
GRADUATE COURSES

Course Code	Course Title	FU Credits	ECTS Credit
BTE 501	Master Seminar	- - -	8
BTE 502	Doctora Seminar	- - -	8
BTE 503	Advanced Biotechnology	2 2 3	6
BTE 504	Experiment Methods	2 2 3	6
BTE 505	Physical and Chemical Separation Methods	2 2 3	6
BTE 506	The Microbial Methods	2 2 3	6
BTE 507	Industrial Microbiology	3 0 3	6
BTE 508	Food Microbiology	2 2 3	6
BTE 509	Food Chemistry	2 0 2	4
BTE 510	Food Technology	3 0 3	6
BTE 511	Special Topics in Food Technology	3 0 3	6
BTE 512	Industrial Food Technology	3 0 3	6
BTE 513	Fermentation Technology	2 2 3	6
BTE 514	The Enzymes and Immobilized Cell Technology	2 2 3	6
BTE 515	Bioreactors	2 0 2	4
BTE 516	Transport Phenomena in Biological Systems	3 0 3	6
BTE 517	Sub-Current Processes in Biotechnology	2 0 2	4
BTE 518	Environmental Biochemistry and Microbiology	2 2 3	6
BTE 519	Bioremediation of Heavy Metals by Microorganisms	2 0 2	4
BTE 520	Aerobic and Anaerobic Refining Systems	3 0 3	6
BTE 521	Biogas Production Technology	2 0 2	4
BTE 522	Environmental Technology Research Techniques	2 0 2	4
BTE 523	Biological Nitrogen Fixation and Biotechnology	2 0 2	4
BTE 524	Protein Biochemistry	2 0 2	4
BTE 525	Selected Topics in Molecular Biology	3 0 3	6
BTE 526	Genetic Engineering	2 2 3	6
BTE 527	Algal Biotechnology	2 2 3	6
BTE 529	Literature Review and Discussion	2 0 2	3
BTE 530	Analytical Methods in Biotechnology	3 0 3	6
BTE 531	Nanotechnological applications in Biotechnology	3 0 3	6
BTE 599	Master Thesis	- - -	25
BTE 600	Doctora Thesis	- - -	25
BTE 601	Special Studies on Thesis Subject	6 0 0	5