

Year 1	FALL		ECTS		SPRING		ECTS
CIP101	Civic Involvement Proj	Univ	1		CIP101	Civic Involvement Projects	0
IF100	Computational Approa	Univ	5		AL102	Academic Literacies	5
HIST191	Principles of Ataturk I	Univ	3		HIST192	Principles of Ataturk II	3
MATH101	Calculus I	Univ	6		MATH102	Calculus II	6
NS101	Science of Nature I	Univ	6		NS102	Science of Nature II	6
SPS101	Humanity & Society I	Univ	6		TLL102	Turkish Language and Literature	3
TLL101	Turkish Language and	Univ	3		SPS102	Humanity & Society II	6
PROJ102	Project Course	Univ	1				
			31				29
Year 2							
NS201	Discovering Life	Core	6		NS208	General Biotechnology	5
NS207	Organic Chemistry	Core	7		NS216	Life on Earth	6
CS201	Introduction to Computing ****		6		BIO335	Analytical Techniques	6
ENS210	Computational Biology	Core	6		NS224	Urban Agriculture **	
MATH		Core	6		MATH		6
HUM		Univ	5		HUM		5
			36				28
Year 3							
BIO332	Cell Biology	Required	7		BIO310	Intro Bioinformatics	6
BIO321	Biochemistry I	Required	7		BIO301	Intro Molecular Biol	7
BIO303	Genetics	Required	7		BIO322	Biochem II	5
FASS			5		BIO304	Biological Structure &Function	6
SPS303	HUM	Univ	5		BIO308	Plant Physiology	7
					PROJ302	Summer Internship	5
					HUM		5
					BIO330	Environmental Plant Biology	5
			31				46
Year 4							
ENS491	Grad Proj (Design)	Required	2		ENS492 Grad Proj	Required	5
BIO452	Immunology	Core	6		BIO407	Multicellular Organization**	5
BIO445	Plant Tissue Culture	Core	7		BIO467	Signal Transduction	6
BIO466	Biophysics	Core	6		BIO404	Plant Biotech**	5
BIO306	Microbiology	Core	7		BIO447	Plant Breeding**	5
BIO415	Plant Nutrition**	Core	5		FASS		5
FASS		Area	5				
							16
			33				
Optional Courses for different tracks							
PSY201	Mind and Behaviour****				MAT202	Kinetics	
PSY350	Introduction to Neuroscience				ENS205	Material Science	
ENS202	Thermodynamics				CHEM302	Analytical Chemistry	
CHEM301	Inorganic Chemistry				PSY450	Topics in Brain Biolgy and Behaviour	
PSY303	Research methods****				PSY440	Topics in Psy in Public Interest***	
PSY320	Developmental Psychology***				PSY 310	Cognitive Processes****	
PSY330	Individual Differences***				CS 204	Advanced Programming****	
CS 300	Data Structures				CS 210	Introduction to Data Science	
CS 412	Machine Learning				CS 301	Algorithms	
(these courses can be taken any semester after the second year to count towards a minor in PSY or CHEM, please inquire with instructor about space and prerequisite limitations)							
**	Offered every other year, please inquire with instructor						
***	May be offered fall or spring						
****	Offered every semester						
The BIO program recommends students to take at most 5 core courses every semester. The minimum credit requirements (240 ECTS credits) can be fulfilled by taking 5 core courses in the 2. and 3. years.							
Any core course taken after the fullfilment of the core course requirement will count towards the the remaining Area elective requirements. Courses such as CS 201, Math can be taken at any time after the 2. year, including summer semesters.							