



I: University Requirements: 25 Credit Hours

A. Remedial Requirements (0 Credit Hours): Students must sit for placement tests in English, Arabic, and Computer. Students who fail any of these tests are required to take the corresponding remedial course 0900099, 0900097, or 0900096, respectively.

B. University Compulsory Course Requirements: 12 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Prerequisite
			Lecture	Lab	
0900101	Sports (1)	1	0	3	-
0900103	Swimming	1	0	2	-
0900110	Cultural Development (1)	1	0	2	-
0900111	Military Science*	3	3	0	-
0900130	English Communication Skills (1)	3	3	0	0900099**
0900131	English Communication Skills (2)	3	3	0	0900130

* Non-Jordanian students may take a university elective course instead.

** Or passing the placement test.

C. University Elective Course Requirements: 13 Credit Hours

Humanities: 7 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Prerequisite
			Lecture	Lab	
0900113	Interpersonal and Intercultural Communication	3	3	0	-
0900117	Civic Awareness	3	3	0	-
0900120	Arabic Communication Skills	3	3	0	0900097*
0900140	Appreciation of Art	3	3	0	-
0900141	Appreciation of Music	3	3	0	-
0900163	Modern life skills	3	3	0	-
0900164	Creativity and Innovation	3	3	0	-
0900201	Sports (2)	1	0	3	0900101
0900202	Sports (3)	1	0	3	0900201
0900210	Cultural Development (2)	1	0	2	0900110
0900211	Cultural Development (3)	1	0	2	0900210

* Or passing the placement test.

Social and Economic Sciences: 3 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Prerequisite
			Lecture	Lab	
0900114	Civilization and Thought	3	3	0	-
0900115	Social Ethics	3	3	0	-
0900150	Introduction to Economics*	3	3	0	-
0900160	Entrepreneurship and Enterprises	3	3	0	-

* Not for Business and Finance Students

Science, Technology, Agriculture and Health: 3 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Prerequisite
			Lecture	Lab	
0900116	Bio-Ethics	3	3	0	-
0900170	Energy and the Environment	3	3	0	-
0900171	Science and Society	3	3	0	-
0900180	Computer Skills*	3	2	2	0900096**

* Not for Information Technology Students.

** Or passing the placement test.

II. Faculty Requirements: 20 Credit Hours

Compulsory Requirements: 20 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Pre Requisite / *Concurrent
			Lecture	Lab.	
0903101	Calculus (1)	3	3	0	-
0903102	Calculus (2)	3	3	0	0903101
0903281	Probability and Statistics	3	3	0	-
0904101	General Physics (1)	3	3	0	-
0904102	General Physics (2)	3	3	0	0904101
0904107	General Physics Lab (1)	1	0	3	*0904101
0904108	General Physics Lab (2)	1	0	3	*0904102
0401121	Programming Fundamentals	3	3	0	-

(*) denotes that the prerequisite must be taken concurrently.

III. Department Requirements: 82 Credit Hours

A. Compulsory Requirements: 62 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Pre Requisite / *Concurrent
			Lecture	Lab	
0201101	General Biology (1)	3	3	0	*0201107
0201102	General Biology (2)	3	3	0	0201101
0201107	General Biology Lab (1)	1	0	3	*0201101
0201211	Invertebrates	2	2	0	0201102
0201212	Invertebrates Lab	1	0	3	*0201211
0201221	Plant Biology	3	3	0	0201102
0201222	Plant Biology Lab	1	0	3	*0201221
0201231	Histology and Micro-techniques	2	2	0	0201102
0201232	Histology and Micro-techniques Lab	1	0	3	*0201231
0201251	Cell Biology	3	3	0	0201101
0201252	Genetics	3	3	0	0201101
0201253	Genetics Lab	1	0	3	*0201252
0201311	Vertebrate Biology	2	2	0	0201211
0201312	Vertebrate Biology Lab	1	0	3	*0201311
0201321	Plant Physiology	3	3	0	0201221
0201322	Plant Physiology Lab	1	0	3	*0201321
0201323	Applied Plant Biology	2	2	0	0201221
0201331	Microbiology	3	3	0	0201251
0201332	Microbiology Lab	1	0	3	*0201331
0201333	Immunology	3	2	2	0201102
0201341	Biochemistry	3	3	0	0902111
0201342	Biochemistry Lab	1	0	3	*0201341
0201343	Basic Biotechnology	2	2	0	0201102
0201411	Developmental Biology	2	2	0	0201211
0201413	Animal Physiology	2	2	0	0201311
0201414	Animal Physiology Lab	1	0	3	*0201413
0201415	Ecology	3	3	0	0201221 + 0201311
0201416	Ecology Lab	1	0	3	*0201415
0201441	Molecular Biology	3	3	0	0201252
0201442	Molecular Biology Lab	1	0	3	*0201441
0201451	Molecular Cell Biology	2	2	0	0201341
0201471	Seminar	1	2	0	0201102

B. Electives Requirements: 12 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Pre Requisite / *Concurrent
			Lecture	Lab	
0201214	Entomology	2	2	0	0201211 + *0201215
0201215	Entomology Lab	1	0	3	*0201214
0201314	Parasitology	3	3	0	0201211
0201317	Evolution	3	3	0	0201252
0201318	Ornithology	2	2	0	0201311
0201319	Ornithology Lab	1	0	3	*0201318
0201334	Hematology	3	3	0	0201231
0201335	Virology	2	2	0	0201331
0201417	Applied Ecology	3	3	0	0201415
0201418	Animal Behavior	2	2	0	0201311 + *0201419
0201419	Animal Behavior Lab	1	0	3	*0201418
0201425	Plant molecular Biology	2	2	0	0201441
0201426	Plant Molecular Biology Lab	1	0	3	*0201425
0201473	Research Project	3	3	0	0201102
0201474	Selected Topics in Biotechnology	3	3	0	0201102
0201475	Selected Topics in Environmental Biology	3	3	0	0201102

C. Ancillary Requirements: 8 Credit Hours

Course No	Course Title	Credit Hours	Contact Hours		Pre Requisite / *Concurrent
			Lecture	Lab	
0902101	General Chemistry (1)	3	3	0	*0902107
0902107	General Chemistry Lab (1)	1	0	3	*0902101
0902111	Organic Chemistry for Health Sciences	3	3	0	0902101
0902117	Organic Chemistry Lab for Health Sciences	1	0	3	*0902111

IV. Free Electives: 6 Credit Hours

Students may choose any course(s) offered by the University in accordance with University regulations.