

Curriculum

First stage

No.	Course	Credit Units
1	Human Rights and Democracy	2
2	Plane Surveying	10
3	Engineering Drawing	8
4	Engineering Mathematics	4
5	Engineering Geology	4
6	Advanced English Language Skills	2
7	Engineering Mechanics (Statics)	8
8	Engineering Physics	4
9	Descriptive Geometry	4
10	Arabic Language	2
11	Computer Fundamentals	2
Total		50

Second stage

No.	Course	Credit Units
1	Surveying I	5
2	Computing Technologies for Geomatics Engineers	4
3	Estimation and Quantity Surveying	6
4	Cartography	6
5	Engineering Surveying I & II	10
6	Photogrammetry	3
7	Arabic Language	2
8	Surveying II	5
9	Fundamentals of Geographic Information Systems (GIS)	4
Total		45

Third stage

No.	Course	Credit Units
1	Surveying Instruments I & II	6
2	Global Positioning System (GPS)	5
3	Remote Sensing	6
4	Python Programming	8
5	Cadastral Surveying	6
6	Analytical Geometry	3
7	Geodesy	6
8	Geographic Information Systems (GIS)	3
9	Geotechnics	3
Total		46

Fourth stage

No.	Course	Credit Units
1	Urban Planning I	5
2	Image Processing I	4
3	Radar Engineering I	5
4	Error Theory I	5
5	Urban Planning II	5
6	Image Processing II	4
7	Radar Engineering II	5
8	Error Theory II	5
9	Graduation Project	4
Total		42