Programme Regulations: 2021/2022

Programme Titles:

Degree of Bachelor of Science with Honours in Geographic Information Science - UCAS Code: F862

Degree of Bachelor of Science with Honours in Geographic Information Science with Year in Industry – UCAS Code: F867

Degree of Bachelor of Science with Honours in Geographic Information Science with Year in Industry – Code: 1739U

Notes

(i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.

(ii) All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.

(iii) Unless otherwise stated under 'Type', modules are not core.

(iv) A compulsory module is a module which a student is required to study.

(v) A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.

(vi) Programme code 1739U is only available for students undertaking an approved inverted placement in the 2021/22 academic year as a result of the Covid-19 situation.

1. Stage 1

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
CEG1701	Mapping Fieldcourse	20		20	4	Core
CEG1702	Geographic Information Systems	10	10		4	Core
CEG1703	Surveying	20	10	10	4	Core
CEG1705	An Introduction to GNSS and its Applications	10		10	4	
CEG1706	Principles of Remote Sensing	10		10	4	
CEG1711	Tutorial Study Skills for Geomatics	10	10		4	Core
CEG1713	Data Science I	10	10		4	
CEG1716	Geospatial Mathematics and Statistics	30	20	10	4	

F867 Year in Industry Only: In order to progress to the intercalating year candidates are required to obtain an overall pass of at least 50% at the end of Stage 1.

2. Stage 2

All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
CEG2704	Geographic Information Systems: Theory and Application	10		10	5	
CEG2707	Map Projections and Geodetic Datums	10		10	5	
CEG2720	Geomatics Practice and Research	10	5	5	5	
CEG2721	Spatial Data Modelling and BIM	10	10		5	
CEG2722	Data Science II	10	5	5	5	
CEG2723	Digital Data Acquisition	20	20		5	
CSC1033	Information Storage and Retrieval	20	10	10	4	
CEG2726	Photogrammetry & LS	20		20	5	
CEG2727	Geospatial Data Analysis 1	10	10		5	

3. Intercalating Year – F867 only

(a) Upon successful completion of Stage 2 (with an overall pass of at least 50% at the end of Stage 1) and before entering Stage 3, candidates shall spend the equivalent of one academic year in an approved placement. If a candidate is not successful in securing an approved placement, or fails the assessment of the placement year, then the candidate will be required to transfer to Stage 3 of F862.

(b) All candidates shall take the following compulsory module:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
NCL3000	Year in Industry	120	60	60	6	

4. Stage 3

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
CEG3701	Advanced GIS Fieldcourse	20	20		6	
CEG3703	Professional Practice	10	10		6	
CEG3707	Geohazards and Deformation of the Earth	10		10	6	
CEG3716	Geospatial Informatics	10	10		6	
CEG3799	Individual Research Project	30	15	15		
CEG3717	Applied Geospatial Data Handling	10		10	6	
CEG2726	Photogrammetry & Laser Scanning	20		20	6	

(b) All candidates shall take 10 credits of optional modules normally selected from the following (subject to DPD approval and timetabling):

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Type*
CEG2710	GNSS Theory and Practice	10		10	5	
CEG2401	Land Traffic and Highways	10	10		5	
SUG3500	Creativity and Market Research in Science and Engineering	10	10		6	

5. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

6. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3 with the weighting of the stages being 1:1 for Stage 2 and Stage 3 respectively.