

# Master Geomatics

## Provisional list course packages 2020-2021 for EXCHANGE STUDENTS

In the course catalogue ([www.studyguide.tudelft.nl](http://www.studyguide.tudelft.nl)) you will find more detailed information on the courses. A manual to the study guide can be found via this link: [study guide manual](#).

### Autumn semester\*

Course Code	Subject Title	ECTS	Period
GEO1000	Python Programming for Geomatics	5	1
GEO1001	Sensing Technologies and Mathematics for Geomatics	5	1
GEO1002	Geographical Information Systems (GIS) and Cartography	5	1
GEO1003	Positioning and Location Awareness	5	2
GEO1015	Digital Terrain Modelling	5	2
GEO1006	Geo Database Management Systems	5	2
GEO5015	Modelling wind and dispersion in urban environments	5	1
GEO5014	Geomatics as support for energy applications	5	1

### Spring semester\*

Course Code	Subject Title	ECTS	Period
GEO1004	3D-modelling of the Built Environment	5	3
GEO1016	Photogrammetry and 3D Computer Vision	5	3
GEO1009	Geo-information Organisation and Legislation	5	3
GEO1007	Geoweb technology	5	4
GEO1101	Geomatics Synthesis Project (GSP)	10	4

*\*The Autumn semester is accessible for students studying in the field of Geomatics Engineering & Surveying. From the courses offered a package of in total 25-30 ECTS can be chosen.*

*The SPRING semester requires the courses of the FALL semester or equal knowledge & skills based on a students' own educational programme: Python programming, Sensing Technologies and Mathematics for Geomatics, GIS & Cartography, Positioning and Location Awareness, Digital Terrain Modelling, and Geo-DataBase Management Systems.*

*The SYNTHESIS project is only accessible for students who followed all core courses of Q1-Q3 or based on proof that they have equal knowledge & skills based on their own Geomatics Programme.*