

Master Geomatics

Provisional list course packages 2021-2022 for EXCHANGE STUDENTS

In the course catalogue (www.studyguide.tudelft.nl) and on the [website](#) 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	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&4
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	4
GEO1009	Geo-information Governance	5	3
GEO1007	Geoweb technology	5	4
GEOXXXX	Land administration	5	3
GEOYYYY	Machine learning for the built environment	5	3
GEOZZZZ	Ethics for the data driven city	5	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, GIS & Cartography, Positioning and Location Awareness, Digital Terrain Modelling, and Geo-DataBase Management Systems.