

Students with Bachelor’s degree from external institution: Starting in winter

This study plan shows our recommendation for choosing courses. Variations in individual cases are possible and can be arranged in consultation with your study advisor.

No.	Module		1st Semester	2nd Semester	3rd Semester	4th Semester
			ECTS 32	28 ECTS	30 ECTS	30 ECTS
1	Fundamentals of Geographic Information Science	5 ECTS		Introduction to Geographic Information Science (Lecture 2 ECTS) Advanced Research Methods and Skills (Seminar 3 ECTS)		
2	Interoperability A	10 ECTS	Spatial Information Infrastructures (Lecture + Exercise 5 ECTS)	Reference Systems (Lecture + Exercise 5 ECTS)		
3	Analysis of Spatio-temporal Data	5 ECTS	Analysis of Spatio-Temporal Data (Seminar + Exercise 5 ECTS)			
4	Location Based Services	5 ECTS		Location Based Services (Lecture + Exercise 5 ECTS)		
5	Geoinformation in Society	5 ECTS	Geoinformation in Society * (Seminar + Exercise 5 ECTS)			
6	Advanced Topics in Geographic Information Science *	10 ECTS	Lecture/Seminar/Exercise (5 ECTS)	Study Project (5 ECTS)		
7	Computer Science *	10 ECTS	Lecture/Seminar/Exercise (5 ECTS)	Study Project (5 ECTS)		
8	Interdisciplinary Aspects of GI Science *	10 ECTS	Lecture/Seminar/Exercise (6 ECTS)	Spatial Cognition (Seminar 3 ECTS)		
			Geoinformatics Forum (Colloquium 1 ECTS)			
9	External Project in Industry or Government	30 ECTS			External Industry or Government Project+ Wrap-up Seminar External Industry or Government Project	
	or				or	
10	External Studies	30 ECTS			External Studies + Wrap-up Seminar External Studies	
11	Master Thesis	30 ECTS				Master Thesis including Disputation *

Blue boxes indicate courses that are mandatory and offered once a year only. These courses need to be taken in the semester indicated in this study plan.

* The course “Geoinformation in Society”, offered every winter semester, can be substituted by the course “Geoinformatics in Transdisciplinary Education” (Seminar, 5/6 ECTS), which is usually offered in the summer semesters.

* The order in which to take the courses in green boxes within these modules is variable. However, we recommend following the sequence shown in this plan.

* The Master Thesis can also be written in the 3rd semester and before the external phase (i.e. the modules 11 and 9/10 can be swapped), if at least **60 ECTS** have been collected in the first two semesters.

Green boxes indicate courses that can be chosen from an agreed course program. Most of these courses can be applied to one of several different modules. The course offering can be found in the corresponding overview of QISPOS:

Module 6 “Advanced Topics in Geographic Information Science”: [Link](#)
Module 7 “Computer Science”: [Link](#)
Module 8 “Interdisciplinary Aspects of GI Science”: [Link](#)