



APPENDIX 2.

Academic itinerary specific for former UPC's Civil Engineering graduate students (2010 program) – UPC.

Master's Degree in Civil Engineering (Professional track) academic itinerary for former UPC's Civil Engineering graduate students (2010 program).

The Standing Committee of Barcelona School of Civil Engineering established, on April 11th 2014, that all students accessing the Master's Degree in Civil Engineering (Professional track) as a former graduate of Civil Engineering (2010 program) by the above-mentioned school, must enroll in 30 ECTS of curricular placement instead of attending the mandatory courses on the Scientific and technological formation extension subject (Mechanics of continua, Numerical modeling, Structural analysis, Hydraulic infrastructure).

Students must enrol in the following course blocks:

- 30 ECTS Application of sciences and advanced technology
- 35 ECTS Specialty courses
 - 20 ECTS mandatory courses from the specialty of choice
 - 15 ECTS elective courses from any specialty
- 25 ECTS Master's thesis
- 30 ECTS curricular placement which Will be enroled as part of the following mandatory course:
 - Professional internship (pool of credits: 900 hours)

The resulting academic itinerary per semester will thus be as follows:

		Fall semester (Q1)	Spring semester (Q2)	
First year	MANDATORY	Mandatory block Scientific and technological formation extension (30 ECTS)	Specialty	
		<ul style="list-style-type: none"> ▪ Structural engineering ▪ Computational engineering ▪ Geomechanical & geotechnical engineering ▪ Water engineering ▪ Planning & management of transportation 	<ul style="list-style-type: none"> ▪ 10 ECTS 1st year courses (Q2) from the specialty of choice ▪ 1st year courses (Q2) from the rest of specialties (0 to 15 ECTS) 	
	ELECTIVE	Professional internship (pool of credits: up to 900 hours for the whole master's degree program)		
		2 nd year mandatory courses (Q3) from the specialty of choice or from other specialties (hasta 10 ECTS)		

Second year	MANDATORY	Fall semester (Q3)	Spring semester (Q4)	
		Specialty		
		<ul style="list-style-type: none"> ▪ 0-10 ECTS 2nd year courses (Q3) from the specialty of choice ▪ 0-15 ECTS 2nd year courses (Q3) from other specialties 		
		Master thesis (25 ECTS)		
Professional internship (pool of credits: up to 900 hours for the whole master's degree program)				

Notes:

- During the first year, students can enrol 60 to 70 ECTS from mandatory courses, specialty courses and professional placement.
- As stated in Section 8.1 of the academic regulations, the minimum academic progress of 1st year students enrolled in the Master's Degree in Civil Engineering (Professional track) cannot be inferior to 45 ECTS.
- Students can enroll in the professional internship or curricular placement during the 1st year.
- The professional internship must enter into a cooperative education agreement of up to 900 hours. The cooperative education agreement must be signed and approved before the beginning of the actual placement.
- The Master's thesis should be enrolled and conducted during the second year.