



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Study Plan for the First Year Studies at the SBU (CVE17)

Students are required to complete at least 6 courses (18 credits) in the 1st year at the SBU.

- Two (2) compulsory courses from Group 1 and Group 2; and

- Any four (4) elective courses from Group 3 to Group 13.

Group	Courses to be studied at the SBU (Major in Civil Engineering)			UM courses to be exempted (BSc in Civil Engineering)		
	Course Code	Course Title	Credits	Course Code	Course Title	Credits
Compulsory Courses						
1	CIV 440	Senior Design I	3	CIVL4000	Graduation Project I	3
2	CIV 441	Senior Design II	3	CIVL4001	Graduation Project II	3
Elective Courses						
3	EST 392	Engineering Economics	3	CIVL4013	Engineering Economics and Ethics	3
4	CIV 420	Hydraulics	3	CIVL3006	Civil Engineering Hydraulics	3
5	CIV 414	Advanced Construction Materials	3	CIVL4004	Advanced Mechanics of Materials	3
6	CIV 411	Matrix Structural Analysis	3	CIVL4005	Advanced Structural Analysis	3
7	CIV 432	Vibration Mechanics	3	CIVL4006	Structural Vibrations	3
8	CIV 436	Prestressed Concrete Design	3	CIVL4007	Advanced Reinforced Concrete Design	3