

TABLE 2: COURSE DISTRIBUTION PER SEMESTER**MSc Structural Engineering**

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester								
1.	Required	Computational Mechanics and Applications	CES505	3	50	10	30	7
2.	Required	Advanced Structural Dynamics	CES510	3	50	10	30	7
3.	Required	Advanced Topics in Concrete Structures	CES515	3	50	10	30	7
4.	Required	Advanced Topics in Steel Structures	CES520	3	50	10	30	7
5.	Required	Seminar Series I	CES580	1	50	10	10	2
B' Semester								
1.	Required	Fracture Mechanics and Applications	CES525	3	50	10	30	7
2.	Required	Earthquake Resistant Design of Structures	CES535	3	50	10	30	7
3.	Required	Geotechnical Analysis	CES545	3	50	10	30	7
4.	Required	Seminar Series II	CES585	1	50	10	10	2

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
5.	Required	MSc Research Project	CES590	1	50	10	10	7
C' Semester								
1.	Required	MSc Thesis	CES595	1	50	10	10	23
2.	Elective	Technical Elective		3	50	10	30	7

Elective Courses		
Course Code	Course Name	ECTS
CES540	TIMBER DESIGN	7
CES550	PRESTRESSED CONCRETE DESIGN	7
CES555	MASONRY DESIGN	7
CES565	MARINE GEOTECHNICAL ENGINEERING	7
CES570	STRUCTURAL ASSESSMENT AND RETROFIT	7
CES575	SPECIAL TOPICS IN STRUCTURAL ENGINEERING	7