

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

Table 2.1 MSc Program in Energy Systems (Thesis-Based)

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 (September – December)								
1.	Compulsory	Special Topics in Advanced Mathematics	MEM 501			13		7
2.	Compulsory	Advanced Thermodynamics	MEM 532			13		7
3.	Compulsory	Research Methods	MEM 504			13		5
4.	Specialization	Technical Elective				13		7
5.	Specialization	Technical Elective				13		7
B' Semester (January – May)								
6.	Compulsory	Thesis	MEM 582			13		5
7.	Compulsory	Graduate Seminar	MEM 505			13		2
8.	Specialization	Technical Elective				13		7
9.	Specialization	Technical Elective				13		7
10.	Specialization	Technical Elective				13		7
11.	Compulsory	Thesis	MEM 583			16 (June –		30

						August)		
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Table 2.2 MSc Program in Energy Systems (Course-Based)

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 (September – December)								
6.	Compulsory	Special Topics in Advanced Mathematics	MEM 501			13		7
7.	Compulsory	Advanced Thermodynamics	MEM 532			13		7
8.	Compulsory	Advanced Topics in Mechanical and Materials Engineering	MEM 555			13		5
9.	Specialization	Technical Elective				13		7
10.	Specialization	Technical Elective				13		7
B' Semester (January – May)								
7.	Compulsory	Graduate Seminar	MEM 505			13		2
8.	Specialization	Technical Elective				13		7
9.	Specialization	Technical Elective				13		7



10	Specialization	Technical Elective				13		7
11	Specialization	Technical Elective				13		7

C' Semester (September – December)								
8.	Specialization	Technical Elective				13		7
9.	Specialization	Technical Elective				13		7
10.	Specialization	Technical Elective				13		7
11.	Specialization	Technical Elective				13		7