

**TABLE 2: COURSE DISTRIBUTION PER SEMESTER**

<b>A/A</b>	<b>Course Type</b>	<b>Course Name</b>	<b>Course Code</b>	<b>Periods per week</b>	<b>Period duration</b>	<b>Number of weeks/ Academic semester</b>	<b>Total periods/ Academic semester</b>	<b>Number of ECTS</b>
<b>A' Semester</b>								
1.	Compulsory	Polymer Nanocomposites	MME557	3	1 hr	13	39	8
2.	Compulsory	Materials Physics	MME563	3	1 hr	13	39	8
3.	Compulsory	Advanced Semiconductor Materials and Nanodevices	MME566	3	1 hr	13	39	8
4.	Compulsory	Research Thesis I	MME709			13		6
<b>B' Semester</b>								
1	Compulsory	Surface Engineering	MME553	3	1 hr	14	42	8
2	Compulsory	Characterization Techniques of Bulk and Nano-Materials	MME554	3	1 hr	14	42	8
3	Elective	Technical Elective Course I	MME5XX	3	1 hr	14	42	8
4	Compulsory	Research Thesis II	MME710			14		6
<b>C' Semester</b>								

1.	Elective	Technical Elective Course I	MME5XX	3	1 hr	13	39	8
2.	Compulsory	Technical Writing and Speaking	MME507	2	1 hr	13	26	4
3.	Compulsory	Research Thesis III	MME711			13		18
<b>D' Semester</b>								
1	Compulsory	Research Thesis IV	MME712			14		30

#### **INDICATIVE TECHNICAL ELECTIVE COURSES RELATED TO THE PROGRAM AT MME DEPARTMENT**

	ECTS
MME 532 – Biomaterials in Tissue Engineering and Regenerative Medicine	8
MME 539 – Nonlinear Mechanics & Modelling of Solids	8
MME 555 – Polymers in Medical Applications	8
MME 558 – Fundamentals of Ceramics I	8
MME 559 – Fundamentals of Ceramics II	8
MME 562 – Semiconductor Processing Technology	8
MME 564 – Nanomechanics	8

MME 565 – Physical Principles, Design and Fabrication of MEMS	8
MME 567 – Materials for Energy Production, Storage and Conversion	8

Technical Elective Courses can be either from the MME or any other Department of the University of Cyprus