



**BIOMEDICAL MSc Program**

<b>REMEDIAL COURSES</b>				
<b>Dept.</b>	<b>Code</b>	<b>Course Name</b>	<b>CR.</b>	<b>ECTS</b>
BME	214	Electrical Circuits in Biomedical Eng.	NC	
BME	262	Biomaterials	NC	
BME	301	Biomedical Electronics I	NC	
BME	302	Biomedical Electronics II	NC	
BME	313	Human Physiology	NC	
BME	314	Human Physiology	NC	
BME	324	Biomedical Sensors and Transducers	NC	
BME	421	Medical Imaging	NC	
BME	441	Microprocessors & Microcontrollers in BME	NC	
<b>PROGRAM COURSES</b>				
<b>Dept.</b>	<b>Code</b>	<b>Course Name</b>	<b>CR.</b>	<b>ECTS</b>
BME	XXX	Departmental Elective I	3	10
BME	XXX	Departmental Elective II	3	10
BME	XXX	Departmental Elective III	3	10
BME	XXX	Departmental Elective IV	3	10
	XXX	Area Elective I	3	10
	XXX	Area Elective II	3	10
	XXX	Free Elective I	3	10
BME	590	Research Seminar	NC	2
BME	600	MSc Thesis	NC	60
		<b>TOTAL</b>	<b>21</b>	<b>132</b>
<b>EXTRA/NON-DEGREE COURSES</b>				
<b>Dept.</b>	<b>Code</b>	<b>Course Name</b>	<b>CR.</b>	<b>ECTS</b>
		Extra/Non-degree	NC	

<b>Course Group</b>	<b>Description</b>
Departmental Elective I-IV	Biomedical Engineering courses under the GSNAS
Area Elective I	BTEC 550, ESYE501.
<b>Area Elective II</b>	<b>All GSNAS courses in the elective pool offered by all departments.</b>
Free Elective I	Unrestricted, by approval of advisor and BME department.
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program.
Remedial Courses	Undergraduate level courses offered by department.