

BME200	Internship I	-	-	-	-	-	-	-	-	-	-	-	4	2	-
BME260	Electromagnetic Theories	5	2	-	2	-	-	-	-	-	-	-	-	-	-
BME250	Biostatistics	5	4	3	2	2	2	-	-	-	-	5	-	-	
ECC001	Digital Logic	5	4	3	2	2	2	-	-	-	-	5	-	-	
3rd Year - 1st Semester															
BME301	Biomedical Sensors	5	4	3	2	2	2	-	-	-	-	5	-	1	
ECC301	Microprocessors	4	4	4	3	3	2	-	-	-	-	-	-	-	
ECC008	Signal and Systems	2	3	3	3	2	-	-	-	-	-	-	-	-	
BME310	Biomedical Electronics	5	4	3	2	2	2	-	-	-	-	5	-	-	
BME311	Biomedical Instrumentation I	5	2	-	2	-	-	-	2	2	2	2	-	1	
BME320	Biomechanics	4	2	5	2	-	4	-	-	1	1	2	1	-	
3rd Year - 2nd Semester															
BME340	Modelling of Biological Systems	1	5	2	3	-	2	-	-	-	-	2	-	-	
BME350	Radiology Physics	4	5	2	4	4	-	-	-	-	-	-	-	-	
BME303	Biomedical Imaging	5	4	4	-	2	-	-	-	2	2	2	-	1	
BME312	Biomedical Instrumentation II	5	2	-	2	-	-	-	2	2	2	2	-	1	
BME321	Artificial Organs	3	2	-	2	-	-	3	4	-	-	4	-	1	
BME300	Internship II	5	4	1	4	3	-	-	-	-	-	-	2	-	
4th Year - 1st Semester															
BME400	Graduation Project I	5	4	2	-	2	5	-	2	2	2	5	-	1	
BME401	Instrumental Analysis	5	4	4	-	2	-	-	-	-	-	-	-	-	
BME452	Biomedical Signal Processing	5	4	4	-	2	-	-	-	4	-	3	-	-	
TE	Technical Elective	2	2	2	-	1	-	-	-	2	-	2	1	-	
TE	Technical Elective	2	2	2	-	1	-	-	-	2	-	2	1	-	
4th Year - 2nd Semester															
BME402	Graduation Project II	5	4	2	-	2	5	-	2	2	2	5	-	1	
BME345	Bioinformatics	5	4	4	-	2	-	-	-	4	-	3	-	1	
TE	Technical Elective	2	2	2	-	1	-	-	-	2	-	2	1	-	
TE	Technical Elective	2	2	2	-	1	-	-	-	2	-	2	1	-	
TE	Technical Elective	2	2	2	-	1	-	-	-	2	-	2	1	-	
Technical Elective Courses															
BME432	Fundamental Applications of Computed Tomography	4	3	-	3	-	2	-	-	-	-	-	-	-	

BME443	Introduction to Tissue Engineering	2	2	3	2	2	4	-	1	-	-	-	-	-
BME333	Biomedical Computer Applications	4	4	4	5	4	3	-	-	-	-	-	-	-
BME405	Nuclear Medicine	3	3	3	3	3	-	-	-	-	-	-	-	-
BME409	X-Ray Based Systems	-	-	-	-	5	4	1	-	2	2	2	-	-
BME304	Introduction to Nanotechnology	3	3	3	4	3	-	-	-	-	-	-	-	-
BME437	Clinical Engineering	4	4	4	4	4	-	2	-	-	-	-	2	1
BME453	Medical Ethics	3	4	4	4	4	2	-	-	-	-	2	-	1
BME458	Biomedical Equipment Design	4	3	2	-	-	-	-	-	-	-	-	-	1
BME482	Maintenance and Operation of Medical Devices	4	3	4	3	-	-	-	-	-	-	-	-	-
BME431	Cardiac Biomechanics and ECG Systems	2	2	3	2	2	4	-	1	-	-	-	-	-
BME407	Ultrasound Imaging	3	3	4	3	4	3	-	-	-	-	2	-	-
ECC413	Introduction to Artificial Intelligence	3	3	4	3	4	3	-	-	-	-	2	1	1
ECC419	Digital Imaging	-	1	3	5	-	-	-	-	3	-	-	-	-
EEC426	Economics for Engineers	-	2	3	4	-	3	-	-	-	-	-	-	-
ECC427	Management for Engineers	-	5	4	-	-	4	-	-	-	-	-	-	-
MAN101	Introduction to Management	4	4	4	5	2	-	-	-	-	-	-	-	-
ECON101	Introduction to Economics	4	4	4	3	4	3	4	-	-	-	-	-	-
FRE101	French I	2	5	-	4	-	-	-	-	-	-	-	1	-
FRE102	French II	4	4	-	4	-	-	-	-	-	-	-	1	-
GER101	German I	1	2	3	5	1	-	-	-	-	-	-	1	-
GER102	German II	-	5	4	3	-	-	-	-	-	-	-	1	-
ARB101	Arabic	5	4	-	3	-	-	-	-	-	-	-	1	-
GRE101	Greek	4	3	4	2	4	4	1	-	-	-	1	1	-
RUS101	Russian	2	4	-	5	3	1	-	-	-	-	-	1	-
DBT301	Debate Club	2	-	-	-	-	-	2	-	-	-	-	5	-
PHIL101	Introduction to Philosophy	-	5	4	3	-	-	-	-	-	-	-	-	-
HIST103	History of Civilization	5	4	-	3	-	-	-	-	-	-	-	-	1
POL101	Political Science	4	3	4	2	4	4	1	-	-	-	1	-	-
SOC101	Sociology	2	4	-	5	3	1	-	-	-	-	-	-	-
Second Foreign Languages														
FRE101	French I	Please Select a Language												
GER101	German I	Please Select a Language												

ARB101	Arabic	Please Select a Language
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* 1 Lowest, 2 Low, 3 Average, 4 High, 5 Highest