BIOMEDICAL ENGINEERING
Recommended course schedule

YEAR	FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
FRESHMAN	Writ 101 – First Year Writing I	3	Writ 102 – First Year Writing II	3
	Humanities	3	Social Science	3
	Math 261 – Calculus I	3	Math 262 - Calculus II	3
	Chem 105/115 – General Chemistry I	4	Chem 106/116 – General Chemistry II	4
	Bisc 160/161 – Biology I	4	Phys 211/221 – Calc-based Physics I	4
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17
SOPHOMORE	Math 263 – Calculus III	3	Math 264 – Calculus IV	3
	ENGR 310 – Engineering Analysis I	3	Math 353 – Differential Equations	3
	Phys 212/222 – Calc-based Physics II	4	ENGR 360 – Electric Circuit Theory	3
	BME 200 – Introduction to BME	2	ChE 308 – Energy Balance	2
	ChE 307 – Mass Balance	2	CSCI 251 – Programming for Engineering	3
	BME 222 – Biomaterials	3	ENGR 309 – Statics	3
	TOTAL CREDIT HOURS	17	TOTAL CREDIT HOURS	17
JUNIOR	Chem 221/225 – Organic Chem /Lab	4	ENGR 361 – Circuits Lab	1
	BME 333 – Transport	3	BME 314 – Biomeasures	1
	El E 331 – Linear Systems	3	ME 325 – Dynamics	3
	ENGR 312 – Mechanics of Materials	3	BME 444 – Biomed Controls	3
	BME 313 – BME Physiology	3	Track Elective	3
			Track Elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	14
SENIOR	BME 461 – Senior Design I	2	BME 462 – Senior Design I	2
	BME 301 – Bioinstrumentation	3	Track Elective	3
	BME 311 - Biomechanics	3	BME 413 – Biosignal Processing	3
	Engr 400 – Leadership & Professionalism	1	Econ 310 – Engineering Economy	3
			Humanities or Fine Arts	3
	Social Science	3		
	Fine Arts	3		
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	14
			MINIMUM TOTAL CREDIT HOURS	**127**

Visit engineering.olemiss.edu/advising for full course information.

Updated November 2019