

PLAN OF STUDY
 Transfer students with AA degree - Effective Fall 2007
Biomedical Engineering

Advisor: Dr. Michael Christie
Office: EC 2601

Phone: 305-348-7392
E-Mail: mchristi@fiu.edu

Students with AA degree MUST complete these courses:

Pre Engineering:

Course	Cr.	Done
EGN 1100 Intro to Engineering	2	

Mathematics & Physics:

Complete these courses:	Cr.	Done
MAC 2311 Calculus I	4	
MAC 2312 Calculus II	4	
MAC 2313 Multivariable Calc	4	
MAP 2302 Differential Equations	3	
STA 3033 Intro to probability & Statistics	3	
PHY 2048 & 2048L Physics I w/Calc I & lab	5	
PHY 2049 & 2049L Physics II w/Calc & Lab	5	

Biology:

Complete these courses:	Cr.	Done
BSC 1010 & BSC 1010L General Biology I & Lab	3	
BCH 3033 & BCH 3033L-General Biochemistry & Lab	5	

Chemistry:

Complete these courses:	Cr.	Done
CHM 1045 General Chemistry I	3	
CHM 1045L General Chem. Lab I	1	
CHM 1046 & 1046L Gen Chem II & Lab	4	
CHM 2210 & 2210L Organic Chem I & Lab	5	
CHM 2211 & 2211L Organic Chem II & Lab	4	

Biomedical Engineering:

Courses	Cr.	Done
BME 2740-BME Modeling & Simulation	3	
BME 3710-BME Data Evaluation Principals	3	
BME 3700-Eng. Analysis of Bio Systems I	3	
BME 3701-Eng. Analysis of Bio Systems I	3	
EEL 3003-Electrical Engineering I	3	
ELR 4202C-Med. Instrumentation Design	4	
EGL 3503-Applied Mechanics	3	
BME 3032-BME Transport	3	
BME 4050L-BME Lab I	1	
BME 4051L-BME Lab II	1	
EML 4585-Design Bio Systems & Devices	3	
BME 4100-Biomaterials	3	
BME 4332-Cell & Tissue Engineering	3	
BME 4011-Clinical Rotation	1	
BME 4090-Design project Organization	1	
BME 4908-Senior Design project	3	
BME Elective	3	
BME Elective	3	
BME Elective	3	
BME Elective	3	

Requirements for acceptance into the major:

- Total credits = 60
- Cumulative GPA = 2.0 or higher
- CLAST complete