

**PRE-FALL 2006 CURRICULUM - BACHELOR OF SCIENCE: APPLIED SCIENCES
BIOMEDICAL ENGINEERING TRACK (127 hours)**

All information listed refers to previous curriculum. For your reference, some new course numbers in the current curriculum are listed [## = new/old]. For implications of the new curriculum, refer to the Undergraduate Curricula website <<http://www.unc.edu/depts/uc/>>

NAME

PID

ENGL.	F.L. (*) HSFL _____	MATH.	NAT. SCI	SOC. SCI. (**)	AESTHETIC	HISTORIC.	PHILOS.
101/11	1 3	231/31	Chem 101/11 ___ L ___	Econ 101/10	Lit	<1700	(***)
102/12	2 4	232/32	Chem 102/21 ___ L ___	2	FA	2	
Phya 1 ___ Phya 2 ___		233/33	Biol 101/11 ___ L ___	(*) Through Level 3 unless placed into Level 4 of HSFL (**) From two departments (***) Phil 160/22, 163/30, 165/34, 170/37			
CI/Comm 9? _____		383/83 (#)	Phys 116/26				
Cultural Diversity _____			Phys 117/27 (#)				
BIOMEDICAL CORE CLASSES (18 courses) ♦				BME SPECIALITY ELECTIVES (3 courses) (###)		FREE ELECTIVES (to reach 127 hrs) (####)	
Comp 110/14, 116/16, 401/114 or Phys 331/61 (###) (3-4) _____	Appl 697/198 (Senior Design Project I) (1) _____	Appl 341/130 (3) _____	I. At least three of: any Bmme >100, _____ Phys 301/103, 660/151 _____				
Math 528/128 (##) (3) _____	Appl 698/199 (Senior Design Project II) (4) _____	Appl 410/101 (Bmme 410/106) (4) _____					
Appl 460/110 (1) _____							
Appl 110/98 (1) _____	Biol 252/45 (4) _____	Bmme 465/111&L (4) _____	♦ 18 hours ≥ C (not C-) required in major core: does not include Biol 101&L/11&L; Chem 101&L/11&L, 102&L/21&L; Comp 110/14 or 116/16; Math 31-83; Phys 116/26, 117/27, or Specialty Electives. (#) BMME majors must take Phys 117/27 and Math 383/83 no later than Spring of their Sophomore year. (##) BMME majors must have completed Math 528/128 by the fall of Junior year. (###) See "Notes on BME Track" on the reverse of the worksheet. (####) Appl 395/99 (research) can be taken repeatedly for free elective credit				
Phys 351/101 (4) _____	Biol 202/50 (4) _____	Appl 450/105 (Bmme 450/132&L) (4) _____					
Phys 352/102 (4) _____	Bmme 400/100 (1) _____	Appl 160/60 (4) _____					
Stat 355/101, 435/126 or Bios 600/110 (3) _____	Appl 150/50 (3) _____						

GRADUATION REQUIREMENTS

Date/Advisor	Date/Advisor	Date/Advisor	Date/Advisor
___ Courses in progress (hr)	___ Courses in progress (hr)	___ Courses in progress (hr)	___ Courses in progress (hr)
___ General College courses	___ General College courses	___ General College courses	___ General College courses
___ Div. ___ PA	___ Div. ___ PA	___ Div. ___ PA	___ Div. ___ PA
___ Major, incl:	___ Major, incl:	___ Major, incl:	___ Major, incl:
___ hrs C in major	___ hrs C in major	___ hrs C in major	___ hrs C in major
___ Category Electives	___ Category Electives	___ Category Electives	___ Category Electives
___ Free electives	___ Free electives	___ Free electives	___ Free electives
CREDIT ADJUSTMENTS: HSFL 1 ___; 2x Courses ___ Prof. Sch.>24 hr. _____	CREDIT ADJUSTMENTS: HSFL 1 ___; 2x Courses ___ Prof. Sch.>24 hr. _____	CREDIT ADJUSTMENTS: HSFL 1 ___; 2x Courses ___ Prof. Sch.>24 hr. _____	CREDIT ADJUSTMENTS: HSFL 1 ___; 2x Courses ___ Prof. Sch.>24 hr. _____
TOTAL AFTER PRESENT TERM	TOTAL AFTER PRESENT TERM	TOTAL AFTER PRESENT TERM	TOTAL AFTER PRESENT TERM
___ COURSES OR ___ HRS	___ COURSES OR ___ HRS	___ COURSES OR ___ HRS	___ COURSES OR ___ HRS
REMOVE AB/IN/SP	REMOVE AB/IN/SP	REMOVE AB/IN/SP	REMOVE AB/IN/SP

Notes on BME Track

1. CHEM 261/**61** highly recommended.
Deleted prior #2 regarding "COMP elective" – this no longer exists on this track.
2. Students placing out of the introductory COMP courses (COMP 110/**014**, or 116/**016**, or PHYS 331/**061**) must take COMP 401/**114**.
3. Premed students should take CHEM 241 &L/**41&L**, 261/**61**, and 262 &L/**62&L**. BIOL 205/**052** and CHEM 430/**130** are recommended but not required.
4. Students will have a possible minor in Physics (additional PHYS 128/**28** and lab) or a possible minor in Math, which requires Math 381/**81** and three courses numbered above **120**.
5. Students meeting GPA requirements (3.0 average) in Biomedical and Specialty Elective Courses will qualify for the 5 year BS/MS in BME Program.
6. Students wishing to meet traditional core requirements of an undergraduate degree in BME should take BMME 405/**102** and 510/**112** as Specialty Electives.
7. At least one summer internship (following the Sophomore or Junior year) is recommended. Academic credit for summer internships may be obtained by registering for APPL 395/**99** in the semester following the internship (written and oral presentation of the work experience and accomplishments).
8. A minimum of 18 hours of C or higher (not a C average) of DEGREE REQUIREMENT courses are required for graduation (Specialty Elective, Free Elective courses and grades of C- do not count).