

Name: _____ Phone: _____ New to OSU: _____ email: _____@osu.edu

YEAR	AUTUMN	WINTER	SPRING
1	Math 151A (Calc & Analyc Geom) ...5 Physics 1311 (Particles & Motion)...5 Engr H191 (Intro to Engr I)4 Engr 100. (Engr Survey)1	Math 152A(Calc & Analyc Geom) ... 5 Chem. 121 (Gen Chem.)5 Engr H192 (Intro to Engr II)4 Physics 132I (Electy & Magnsm) ... 5	Math 153A (Calc & Analyc Geom) .. 5 Chem. 122 (Gen Chem) 5 Engr H193 (Intro to Engr III) 4 GEC 1 (English 110.) 5
2	Math 254 (Calc & Analyc Geom)5 Chem. 123 (Gen Chem.)5 ME 410 (Statics).....4 Biol 113/115 (General Biology/Lab) 5	Math 415 (Ord & Part Diff Equ)..... 4 Physics 133 (Electrdymc & Quat.) ... 5 ME 420 (Intro Strength Mat)4 BME 202 (Intro BME)3 BME 205 (Num. Simulations in BME)2	Stat 427 (Prob and Stat I)..... 3 Chem 231 (Intro Organic Chem) 3 MSE 205 (Intro Mat Sci) 3 ME 500 (Fluid, Thermo, Heat) 4 Anat 220 (Human Anatomy Lab)..... 2
3	BioChem 511 (Biochemistry)5 ECE 300 (Circuits).....3 ECE 309 (Circuits Lab).....1 EEOB 232 (Intro Physiology)5	EEOB 415 (Animal Cell & Develop). 4 Chem. 245 (Organic Chem Lab) 2 GEC 2 (2 nd writing) 5 BME 402 (Meas & Instrum Lab)..... 2 BME 4X1 [†] (Domain 1) 4	GEC 3 5 BME 403 (Quantitative Physiology) . 4 BME 4X1 [†] (Domain 2) 4 BME 4X1 [†] (Domain 3) 4
4	GEC 45 BME 501 (Design I)4 BME 503 (Professional Development)1 BME 581.1 (Seminar)0 ††BME 6/7/xx 1 or *Prof E 1 ...3 ††BME 6/7/xx 2 or *Prof E 2 ...3	GEC 5.....5 BME 502 (Design II)5 BME 581.2 (Seminar)0 ††BME 6/7/xx 1 or *Prof E 1 ...3 ††BME 6/7/xx 2 or *Prof E 2 ...3	GEC 65 GEC 75 BME 581.3 (Seminar) 1

Courses printed in BOLD above are taught one quarter per year, including all BME courses.
Please check On-Line Course Offerings for availability of all courses.

GENERAL EDUCATION (35 hrs)
 English & Communication Skills (10)
English 110.xx (5) _____
2nd Writing Course (5) _____
Writing in core () _____
 Students must take 25 hours across Social Sciences, Historical Study, and Arts & Humanities with a minimum of 5 hours and maximum of 10 hours per category.
 Historical Study (5-10)
 _____ () _____
 _____ () _____
 Arts & Humanities (5-10)
 _____ () _____
 _____ () _____
 Social Sciences (5-10)
 _____ () _____
 _____ () _____
 ETHICS (5 Hours)
 (May overlap w/ a GEC category)
 _____ () _____
 SOCIAL DIVERSITY
 (May overlap w/ a GEC category)
 _____ () _____

†**BME Domain Courses** (choose *min of 3*)
BME 411 (Bioimaging) _____
BME 421 (Biotransport) _____
BME 431 (Biomaterials) _____
BME 441 (Biomechanics) _____
BME 451 (Molecular, Cell and Tissue Eng) _____
BME 461 (Biomed micro/nano tech) _____
 ††**BME Advanced Courses** (choose 2) for focus following domain courses
BME 6/7/XX 1 _____
BME 6/7/XX 2 _____
***PROFESSIONAL ENGINEERING ELECTIVES** (9 hrs)
ProfE 1 ENGR H192 (3) _____
ProfE 2 (3) _____
ProfE 3 (3) _____
 Professional engineering electives **MUST** be an approved sequence of engineering courses allowing students to achieve professional goals (e.g., independent research, honors thesis, engineering minors, domain depth or breadth, etc.)

Credit hour distribution
 General Education.....35
 Mathematics.....27
 Chemistry.....25
 Physics.....15
 Engineering Sciences.....26
 Life Sciences.....16
 BME Courses (Min).....40
 BME Core Courses22
 BME Domain Courses ...12
 Advanced BME Courses...6
 Professional Engineering Electives...9
 Total Engineering credits (min).....75
TOTAL HOURS193
 Acceptance into the Biomedical Engineering major is limited and will depend on the outcome of the application process that includes information about cumulative point-hour ratio (CPHR) upon completion of the following pre-major courses: *Chemistry 121,122,123; Math 151,152, & 153, Physics 131,132, ENGR 181, 183, and essay.*
Formal admission to BME is required to take BME 202. Students are accepted into the major in Autumn quarter with the applications due in Spring

