

**BME with ECE as a Second Major**

Graduating classes of **2019 and later** Course Requirements  
(Matriculating Classes of 2015 and later)

\_\_\_\_\_  
Name

		Term/Yr Taken	Grade	
<b>Writing</b>				
1.	Writing 101	_____	_____	
<b>Mathematics and Natural Science</b>				
2.	MATH 111L or 21	_____	_____	
3.	MATH 112L or 122L or 22	_____	_____	
4.	MATH 212	_____	_____	
5.	MATH 216	_____	_____	
6.	MATH 353	_____	_____	
7.	STA 130	_____	_____	
8.	CHEM 101DL or 110DL or 21	_____	_____	
9.	CHEM 210DL or 201DL	_____	_____	
10.	PHY 151L or 25	_____	_____	
11.	PHY 152L or [26 + PHY _____ ]*	_____	_____	
12.	Biology 201L	_____	_____	
13.	Life Science Elective _____	_____	_____	
<b>Engineering</b>				
14.	CompSci 201	_____	_____	
15.	EGR 103L	_____	_____	
16.	EGR 201L	_____	_____	
17.	ME 221L	_____	_____	
18.	ECE 110L	_____	_____	
19.	ECE 230L	_____	_____	
20.	ECE 250L	_____	_____	
21.	ECE 270L	_____	_____	
22.	ECE 280L	_____	_____	
23.	ECE Concentration elective _____	_____	_____	Two approved concentration electives in <i>one</i> area of ECE concentration.
24.	ECE Concentration elective _____	_____	_____	
25.	ECE Elective _____	_____	_____	Any ECE course at 300 level or above.
26.	BME 244L	_____	_____	
27.	BME 260L	_____	_____	
28.	BME 354L	_____	_____	
29.	BME 436L or BME 464L	_____	_____	
<b>Area</b>				
30.	BME 301L or BME 303** _____	_____	_____	
31.	BME Advanced Elective** _____	_____	_____	
32.	BME General Elective*** _____	_____	_____	BME General Elective can be at any level.
<b>Humanities and Social Sciences</b>				
<b>Area</b>				
33.	_____	_____	_____	Five required. At least one SS and 2 from remaining areas of knowledge (FL, CZ, ALP). For depth, two must be from the same department, and one of those must be at the 200 level or higher. Limit of 2 APs.
34.	_____	_____	_____	
35.	_____	_____	_____	
36.	_____	_____	_____	
37.	_____	_____	_____	

\* One Duke Physics course must be taken. If AP for both, then Physics 153L is required. Students may not take Physics 151L at Duke and use AP credit for Physics 152L. Students who have IPC instead of AP for both Phys 151L and 152L should take Phys 264.

\*\* If BME 301L is taken, the Advanced Elective must be from the Electrobiolology (EL) Area of Focus.  
If BME 303 is taken, the Advanced Elective must be from the Imaging and Measurement Systems (IM) Area of Focus.

\*\*\* An Advanced Elective may be taken instead.