

# B.S. in Bioengineering (Medical Device Track) – Senior Checklist (2023)

Rev. 5/14/2021

<b>English</b>		
Course	Grade	Units
ENGL 181		4
Total		4

<b>Bioethics (Select One)</b>		
Course	Grade	Units
BIOE 180*		4
BIOL 171		5
ENGR 19		4
PHIL 27		4
PHIL 117		5
TESP 157		5
* Also counts as a TE		
Total		

<b>Natural Sciences</b>		
Course	Grade	Units
BIOE 21*		4
BIOE 22		5
CHEM 11		5
CHEM 12		5
CHEM 31		5
BIOE 32†		5
PHYS 31		4
PHYS 32		5
PHYS 33		5
* Replaceable with BIOL 1A		
† Replaceable with CHEM 32 or 50		
Total		43

<b>Mathematics</b>		
Course	Grade	Units
MATH 11		4
MATH 12		4
MATH 13		4
MATH 14		4
AMTH 106		4
BIOE 120*		4
* Replaceable with AMTH 108		
Total		24

<b>Engineering</b>		
Course	Grade	Units
ENGR 1		2
BIOE 10		4
BIOE 45 / COEN 44		5
ELEN 50		5
BIOE 23 / ELEN 21		5
MECH 10		5
BIOE 153		4
BIOE 154		4
BIOE 155		4
BIOE 161		5
BIOE 162		5
BIOE 171		5
BIOE 174		5
Total		58

<b>Senior Design Project</b>		
Course	Grade	Units
BIOE 194		2
BIOE 195		2
BIOE 196		2
Total		6

<b>Technical Electives (TE)</b>		
Course	Grade	Units
Total (≥15)		
≥8 from BIOE		

<b>Transfer Units to MS Degree</b>		
Course	Grade	Units
Total (≤20)		

Name \_\_\_\_\_

Student ID \_\_\_\_\_

<b>University Core</b>		
Course	Grade	Units
CTW 1		4
CTW 2		4
C&I 1		4
C&I 2		4
C&I 3		
RTC 1		4
RTC 2		
RTC 3		
Ethics		
Diversity		
Social Science		
ELSJ		
Total		

<b>Pathway</b>		
Course	Grade	Units
Reflection Essay	<input type="checkbox"/> Pass	-
Total (≥12)		

<b>Total Units</b>	
English	4
Bioethics	
Natural Sciences	43
Mathematics	24
Engineering	58
Senior Design Project	6
Technical Electives	
University Core	
Pathway	
Free Electives	
Total (≥191)	

<b>Academic Advisor</b>	<b>Date</b>