

The University of Toledo
Department of Bioengineering
BSBE Checkout Sheet
Standard

Name	Entrance Date	Rocket ID
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Adviser _____ ☐ Honors ☐ Minor(s) _____

Mathematics		Hrs. 15	Grade
MATH 1850	Calculus I	4	
MATH 1860	Calculus II	4	
MATH 2850	Multivariable Calc	4	
MATH 2860	Diff. Equations	3	

Basic Sciences		Hrs. 28	Grade
CHEM 1230	Gen. Chem I	4	
CHEM 1280	Chem Lab I	1	
CHEM 1240	Gen. Chem II	4	
CHEM 1290	Chem Lab II	1	
PHYS 2130	Gen. Physics I	5	
PHYS 2140	Gen. Physics II	5	
BIOL 2170	Fund. of Life Sc. II	4	
BIOL 2180	Fund. of Life Sc. Lab II	1	
BIOL 3030	Cell Biology	3	

Other Non Technical Courses		Hrs. 6	Grade
ENGL 1110	College Composition	3	
ENGL 2950	Science & Tech. Report	3	

Other Required Technical		Hrs. 7	Grade
CIVE 1150	Eng Mechanics: Statics	3	
EECS 2300	Electrical Circuits	4	

Required Bioeng. Courses		Hrs. 42	Grade
BIOE 1000	Orient. & Intro to BIOE	3	
BIOE 1010	Professional Development	1	
BIOE 1200	Computer Applications	3	
BIOE 2100	Bioengr. Thermodynamics	3	
BIOE 2200	Biomaterials	3	
BIOE 3110	Intro to Biomechanics	3	
BIOE 3300	Biomedical Electronics	3	
BIOE 3400	Biotransport Phenomena	3	
BIOE 3500	Bioprocessing Lab	3	
BIOE 4100	Physiology for Bioengineers	3	
BIOE 4120	Biosignal Processing	3	
BIOE 4140	Bioelectronics Laboratory	2	
BIOE 4300	Analysis of Bioeng. System	3	
BIOE 4410	Senior Design I	3	
BIOE 4420	Senior Design II	3	

[illegible]

***Two of these must be BIOE 4000 level courses**

[illegible]

Co-op Experiences		Hrs.	Grade
BIOE 3940:001	Co-op #1	1	
BIOE 3940:002	Co-op #2	1	
BIOE 3940:003	Co-op #3	1	
BIOE 3950:001	Co-op #4	1	
BIOE 3950:002	Co-op #5	1	

Humanities-6 Hrs.	Social Sciences-6 Hrs.
<i>(Must be in different departments.)</i>	
Multicultural requirements	
Diversity of US Culture-3 Hrs.	Non-Western-3 Hrs.
<i>(Signify by an (*) the double-dip course.)</i>	