

B.S. in Biochemistry at the University of Tampa: Degree Requirements 2019-2020

*This summary of degree requirements is intended to assist prospective students with a general timeline for degree completion.
For official degree requirements, refer to the current UT catalog at www.ut.edu/catalog.*

Students must complete the below requirements for a B.S. in Biochemistry:

Course #	Course Name	Credits
BIO 198	General Biology I	3
BIO 198L	General Biology I Laboratory	1
BIO 199	General Biology II	3
BIO 199L	General Biology II Laboratory	1
BIO 201	Molecular Genetics	4
BIO 201L	Molecular Genetics Laboratory	0
CHE 152	General Chemistry I	3
CHE 153L	General Chemistry I Laboratory	1
CHE 154	General Chemistry II	3
CHE 155L	General Chemistry II Laboratory	1
CHE 232	Organic Chemistry I	3
CHE 233L	Organic Chemistry I Laboratory	1
CHE 234	Organic Chemistry II	3
CHE 235L	Organic Chemistry II Laboratory	1
CHE 310	Analytical Chemistry	4
CHE 310L	Analytical Chemistry Laboratory	0
PHY 200	General Physics I	4
PHY 200L	General Physics I Laboratory	0
PHY 201	General Physics II	4
PHY 201L	General Physics II Laboratory	0
MAT 260	Calculus I	4
CHE 305	Applied Physical Chemistry	3
CHE 320	Biochemistry	3
CHE 320L	Biochemistry Laboratory	1
CHE 325	Biochemistry of Metabolism	3
CHE 420	Advanced Biochemistry	4
CHE 451	Capstone Chemical Research	1-2

CHE 454	Capstone Chemical Communication	1
CHE 470	Tissue Culture	4
CHE 490	Molecular Basis of Cancer	4

4 credits of CHE 451 are required.

PHY 205/PHY 205L can substitute for PHY 200/PHY 200L, and PHY 206/PHY 206L can substitute for PHY 201/PHY 201L.

One of the following lecture/laboratory pairs: BIO 307/BIO 307L, BIO 310/BIO 310L, BIO 315/BIO 315L, BIO 330/BIO 330L, BIO 350/BIO 350L, BIO 360/BIO 360L, BIO 370/BIO 370L, BIO 390/BIO 390L, BIO 408/BIO 408L

Students can take additional courses in order to also meet the American Chemical Society degree certification requirements.

Students must also fulfill Baccalaureate Experience requirements (in credit hours):

AWR 101	4	Biological Science (NS)	3	Art/Aesthetic (A)	3
AWR 201	4	Physical/Chemical Science (NS)	3	Non-Western and International/Global Awareness (NW/IG)	9
MAT 155, MAT 160 OR higher (excluding MAT 180 and MAT 201)	4	Humanities/Fine Arts (HFA)	11	Writing Intensive requirement (W) (must be completed at UT)	9
BAC 101 and 102 OR HON 101 and 102 OR BAC 103* OR BAC 104	1 or 2	Social Science (SS)	11	Some courses may fulfill multiple sections of the Baccalaureate Experience	

*BAC 103 is suggested for incoming transfer students, but is not mandatory

Please ensure that you check the [Course Descriptions](#) for any prerequisites or additional requirements.