THOMAS JEFFERSON UNIVERSITY

BACHELOR OF SCIENCE: **PRE-MEDICAL STUDIES** 2021-2022

Name _____ ID# _____

LEVEL I (FIRST YEAR) – 26-27 credits		(Prerequisite)	Cr	Sem.	Grade	TR Equiv.
Hallmark Core Courses – 18-20 credits						
FYS-100	Pathways Seminar: Preparing for Academic & Professional Succ		1	❑		
WRIT-101/G/S	Written Communication		3-4	❑		
	WRIT-100 may only be used to satisfy free elective credits					
AMST-114	Topics in American Studies		3	❑		
CHEM-103	Chemistry I Lecture (Fall)		3	❑		
CHEM-103L	Chemistry I Lab (Fall)		1	❑		
BIOL-103	Biology I Lecture (Fall)		3	❑		
BIOL-103L	Biology I Lab (Fall)		1	❑		
MATH-111	Calculus I		4	❑		
Science Core – 8 credits						
CHEM-104	Chemistry II Lecture (Spring)	*(C- or better in CHEM-103/L)*	3	❑		
CHEM-104L	Chemistry II Lab (Spring)	*(C- or better in CHEM-103/L)*	1	❑		
BIOL-104	Biology II Lecture (Spring)	*(C- or better in BIOL-103/L)*	3	❑		
BIOL-104L	Biology II Lab (Spring)	*(C- or better in BIOL-103/L)*	1	❑		

LEVEL II (SECOND YEAR) – 32-33 credits		(Prerequisite)	Cr	Sem.	Grade	TR Equiv.
Hallmark Core Courses – 13-14 credits						
MATH-112	Calculus II	*(MATH-111)*	4	❑		
ADIV-2 ( )	American Diversity	*(WRIT-101,* AMST-114*)*	3	❑		
GDIV-2( )	Global Diversity	*(WRIT-101, AMST-114)*	3	❑		
	Includes World Languages at any level					
WRIT-20( )	Writing Seminar II: Multimedia Comm.	*(WRIT-101)*	3-4	❑		
	WRIT 202 is for transfer students (4 cr)					
Science Core – 11 credits						
CHEM-201	Organic Chemistry I (Fall)	*(C- or beter in CHEM-104/104L)*	3	❑		
CHEM-201L	Organic Chemistry I Lab (Fall)	*(C- or beter in CHEM-104/104L)*	1	❑		
CHEM-202	Organic Chemistry II (Spring)	*(C- or better in CHEM-201/201L)*	3	❑		
CHEM-202L	Organic Chemistry II Lab (Spring)	*(C- or better in CHEM-201/201L)*	1	❑		
STAT-301	Biostatistics (Fall)	*(C (2.00) or better in MATH-111 or MATH-112)*	3	❑		
Pre-Medical Core - 8 credits						
BIOL-201	Anatomy & Physiology I Lecture (Fall)	*(C- or better in BIOL-104/104L)*	3	❑		
BIOL-201L	Anatomy & Physiology I Lab (Fall)	*(C- or better in BIOL-104/104L)*	1	❑		
BIOL-202	Anatomy & Physiology II Lecture (Spring)	*(C- or better in BIOL-104/104L)*	3	❑		
BIOL-202L	Anatomy & Physiology II Lab (Spring)	*(C- or better in BIOL-104/104L)*	1	❑		

Summer Semester - 6 credits (between sophomore & junior year)

BIOL-493	Preceptorship I	*(C- or better in BIOL-104/104L; CHEM-104/104L, min. GPA 3.0)*	3	❑		
BIOL-494	Preceptorship II	*(C- or better in BIOL-104/104L; CHEM-104/104L, min. GPA 3.0)*	3	❑		

LEVEL III (THIRD YEAR) – 31-33 credits		(Prerequisite)	Cr	Sem.	Grade	TR Equiv.
Hallmark Core Courses – 9 credits						
ETHC-2( )	Ethics	*(WRIT-101, AMST-114)*	3	❑		
ISEM-3( )	Integrative Seminar	*WRIT-20X, GDIV-2XX or GCIT-2XX)*	3	❑		
GCIT-2( )	Global Citizenship	*(WRIT-101, AMST-114)*	3	❑		
	Includes World Languages at any level					
Science Core – 8 credits						
PHYC-111	Physics I Lecture and Lab (Fall)		4	❑		
PHYC-112	Physics II Lecture and Lab (Spring)		4	❑		

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LEVEL III (THIRD YEAR) – continued

		(Prerequisite)	Cr	Sem.	Grade	TR Equiv.
Pre-Medical Core - 8 credits						
BCHM-312	Biochemistry I Lecture (Fall)	(C- in BIOL 104/L and C CHEM-201/201	3 ❑			
BCHM-312L	Biochemistry I Lab (Fall)	(C- in BIOL 104/L and C CHEM-201/20	1 ❑			
BCHM-313	Biochemistry II Lecture (Spring)	(C in BCHEM-312 and 312-L)	3 ❑			
BCHM-313L	Biochemistry II Lab (Spring)	(C in BCHEM-312 and 312-L)	1 ❑			
Free Electives - 6-8 credits (may be used toward Public Health, Psychology, Genetics, Business or Chemistry minors)						
( )			3-4 ❑			
( )			3-4 ❑			

LEVEL IV (FOURTH YEAR) – 30-34 credits

		(Prerequisite)	Cr	Sem.	Grade	TR Equiv.
Hallmark Core Courses – 6 credits						
CGIS-300	Contemporary Global Issues (Fall)	WRIT-20X, GDIV-2XX or GCIT-2XX)	3 ❑			
PHIL-499	Philosophies of the Good Life (Spring)		3 ❑			
	(CGIS-300, GDIV-2xx, GCIT-2xx, ETHC-2xx, ADIV-2xx, ISEM-3xx, MATH, Scientific Understanding)					
Science Core – 15-16 credits						
Pre-Medical Core						
BIOL-221	Microbiology Lecture (Fall)	(C- or better in BIOL-104/104L)	3 ❑			
BIOL-221L	Microbiology Lab (Fall)	(C- or better in BIOL-104/104L)	1 ❑			
BIOL-207L	Principles of Genetics Lecture (Spring)	(C- or better in BIOL-104/104L)	3 ❑			
BIOL-207L	Principles of Genetics Lab (Spring)	(C- or better in BIOL-104/104L)	1 ❑			
BIOL-413	Pathology (Spring)	(BIOL-202 and/or BIOL-303)	4 ❑			
Designated Pre-Medical Electives: Select ONE from						
Fall Term: BIOL-256, BIOL-209◆, BIOL-303, BIOL 319, BIOL-305 or SCI-300						
Spring Term: BIOL-204/L, BIOL-315☐, BIOL-307, BIOL-302, CHEM-405, or SCI-402						
( )			3-4 ❑			
Free Electives - 9-12 credits (may be used toward Public Health, Psychology, Genetics, Business or Chemistry minors)						
( )			3-4 ❑			
( )			3-4 ❑			
( )			3-4 ❑			

TOTAL CREDITS: 126-132

◆Writing Intensive or writing specific courses

* Prerequisites are listed after the course name in parenthesis.

Introductory and Fundamentals Courses: (Fundamental "099" courses do not count toward graduation requirements. However, WRIT-100 and TXIS-100 can be used toward graduation credits in the free

MATH-099	Fundamentals of College Mathematics	(must earn C or better)	3 ❑		

Surplus credits not used toward degree requirements

Please note Thomas Jefferson University residency requirement:

Thomas Jefferson University has a residency requirement of 60 credits for Day Division students. Students must take a minimum of 60 credits – 12 credits must be within the major core; 9 credits must be in Hallmar Core courses in order to be eligible for a B.S. degree.

This form should be used as a worksheet in conjunction with the catalog and the College Studies "menu" of options. Please refer to the Thomas Jefferson University catalog for questions regarding curriculum and academic policies.

COURSE STATUS: ☑ = course to take next semester ☒ = course currently being taken ■ = course completed