

THOMAS JEFFERSON UNIVERSITY
BACHELOR OF SCIENCE: PRE-MEDICAL STUDIES

2022-2023

Name _____

ID# _____

LEVEL I (FIRST YEAR) – 26-27 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Core Courses – 18-19 credits

FYS-100	Pathways Seminar: Preparing for Academic & Professional Success	1	<input type="checkbox"/>		
WRIT-101/101G	Written Communication	3	<input type="checkbox"/>		
	WRITG-100 may only be used to satisfy free elective credits				
AMST-114	Topics in American Studies	3	<input type="checkbox"/>		
CHEM-103	Chemistry I Lecture (Fall)	3	<input type="checkbox"/>		
	(co-req MATH-102 or higher)				
CHEM-103L	Chemistry I Lab (Fall)	1	<input type="checkbox"/>		
	(co-req MATH-102 or higher)				
BIOL-103	Biology I Lecture (Fall)	3	<input type="checkbox"/>		
BIOL-103L	Biology I Lab (Fall)	1	<input type="checkbox"/>		
MATH-111	Calculus I	4	<input type="checkbox"/>		

Science Core – 8 credits

CHEM-104	Chemistry II Lecture (Spring)	3	<input type="checkbox"/>		
	(C- or better in CHEM-103/L)				
CHEM-104L	Chemistry II Lab (Spring)	1	<input type="checkbox"/>		
	(C- or better in CHEM-103/L)				
BIOL-104	Biology II Lecture (Spring)	3	<input type="checkbox"/>		
	(C- or better in BIOL-103/L)				
BIOL-104L	Biology II Lab (Spring)	1	<input type="checkbox"/>		
	(C- or better in BIOL-103/L)				

LEVEL II (SECOND YEAR) – 32-33 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Core Courses – 13-14 credits

MATH-112	Calculus II	4	<input type="checkbox"/>		
	(MATH-111)				
ADIV-2 ()	American Diversity	3	<input type="checkbox"/>		
	(WRIT-101, DBTU-114)				
GDIV-2()	Global Diversity	3	<input type="checkbox"/>		
	(WRIT-101, DBTU-114)				
	Includes World Languages at any level				
WRIT-20()	Writing Seminar II: Multimedia Comm.	3-4	<input type="checkbox"/>		
	(WRIT-101)				
	WRIT 202 is for transfer students (4 cr)				

Science Core – 11 credits

CHEM-201	Organic Chemistry I (Fall)	3	<input type="checkbox"/>		
	(C- or better in CHEM-104/104L)				
CHEM-201L	Organic Chemistry I Lab (Fall)	1	<input type="checkbox"/>		
	(C- or better in CHEM-104/104L)				
CHEM-202	Organic Chemistry II (Spring)	3	<input type="checkbox"/>		
	(C- or better in CHEM-201/201L)				
CHEM-202L	Organic Chemistry II Lab (Spring)	1	<input type="checkbox"/>		
	(C- or better in CHEM-201/201L)				
STAT-301	Biostatistics (Fall)	3	<input type="checkbox"/>		
	(C (2.00) or better in MATH-111 or MATH-112)				

Pre-Medical Core – 8 credits

BIOL-201	Anatomy & Physiology I Lecture (Fall)	3	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L)				
BIOL-201L	Anatomy & Physiology I Lab (Fall)	1	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L)				
BIOL-202	Anatomy & Physiology II Lecture (Spring)	3	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L)				
BIOL-202L	Anatomy & Physiology II Lab (Spring)	1	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L)				

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

BIOL-493	Preceptorship I	3	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L; CHEM-104/104L, min. GPA 3.0)				
BIOL-494	Preceptorship II	3	<input type="checkbox"/>		
	(C- or better in BIOL-104/104L; CHEM-104/104L, min. GPA 3.0)				

LEVEL III (THIRD YEAR) – 31-33 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Hallmark Core Courses – 9 credits

ETHC-2()	Ethics	3	<input type="checkbox"/>		
	(WRIT-101, DBTU-114)				
ISEM-3()	Integrative Seminar	3	<input type="checkbox"/>		
	WRIT-20X, GDIV-2XX or GCIT-2XX				
GCIT-2()	Global Citizenship	3	<input type="checkbox"/>		
	(WRIT-101, DBTU-114)				
	Includes World Languages at any level				

Science Core – 8 credits

PHYC-111	Physics I Lecture and Lab (Fall)	4	<input type="checkbox"/>		
PHYC-112	Physics II Lecture and Lab (Spring)	4	<input type="checkbox"/>		

Continued on next page

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-201/201L)		3	<input type="checkbox"/>		
BCHM-312L	Biochemistry I Lab (Fall)	(C- in BIOL 104/L and C CHEM-201/201L)		1	<input type="checkbox"/>		
BCHM-313	Biochemistry II Lecture (Spring)	(C in BCHEM-312 and 312-L)		3	<input type="checkbox"/>		
BCHM-313L	Biochemistry II Lab (Spring)	(C in BCHEM-312 and 312-L)		1	<input type="checkbox"/>		
Free Electives - 6-8 credits (may be used toward Public Health, Psychology, Genetics, Business or Chemistry minors)							
()				3-4	<input type="checkbox"/>		
()				3-4	<input type="checkbox"/>		

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	<input type="checkbox"/>		
PHIL-499	Philosophies of the Good Life (Spring)			3	<input type="checkbox"/>		
<i>(CGIS-300, GDIV-2xx, GCIT-2xx, ETHC-2xx, ADIV-2xx, ISEM-3xx, MATH, Scientific Understanding)</i>							

Science Core – 15-16 credits

Pre-Medical Core

BIOL-221	Microbiology Lecture (Fall)	(C- or better in BIOL-104/104L)		3	<input type="checkbox"/>		
BIOL-221L	Microbiology Lab (Fall)	(C- or better in BIOL-104/104L)		1	<input type="checkbox"/>		
BIOL-207	Principles of Genetics Lecture (Spring)	(C- or better in BIOL-104/104L)		3	<input type="checkbox"/>		
BIOL-207L	Principles of Genetics Lab (Spring)	(C- or better in BIOL-104/104L)		1	<input type="checkbox"/>		
BIOL-413	Pathology Lecture (Spring)	(BIOL-202 and/or BIOL-303)		3	<input type="checkbox"/>		
BIOL-413-L	Pathology Laboratory (Spring)	(BIOL-202 and/or BIOL-303)		1	<input type="checkbox"/>		

Designated Pre-Medical Electives: Select ONE from

Fall Term: BIOL-256, BIOL-209/L♦, BIOL-303/L, BIOL 319, BIOL-305/L or SCI-300

Spring Term: BIOL-204/L, BIOL-321□, BIOL-307, BIOL-302, BIOL-405/L, or SCI-402

()				3-4	<input type="checkbox"/>		
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Free Electives - 9-12 credits (may be used toward Public Health, Psychology, Genetics, Business or Chemistry minors)

()				3-4	<input type="checkbox"/>		
()				3-4	<input type="checkbox"/>		
()				3-4	<input type="checkbox"/>		

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	<input type="checkbox"/>		

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
