

THOMAS JEFFERSON UNIVERSITY
BACHELOR OF SCIENCE: PRE-MEDICAL STUDIES (LECOM 4+4)

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 (Spring)	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) – 31-33 credits *(Prerequisite)* Cr Sem. Grade TR Equiv.

Hallmark Core Courses – 9-10 credits

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

Free electives 3-4 credits (May be used towards Public Health, Psychology, Genetics, Business or Chemistry minors;

LECOM recommends one free elective be Introduction to Psychology)

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

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	<input type="checkbox"/>	_____	_____
BCHM-312L	Biochemistry I Lab (Fall)	(C- in BIOL 104/L and C CHEM-201/201)	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) – 32-34 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)	(CGIS-300, GDIV-2xx, GCIT-2xx, ETHC-2xx, ADIV-2xx, ISEM-3xx, MATH, Scientific Understanding)	3	<input type="checkbox"/>	_____	_____

Science Core – 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-207L	Principles of Genetics Lecture (Spring)	(C- or better in BIOL-104/104L)	3	<input type="checkbox"/>	_____	_____
CIC 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

BIOL-303	Histology Lecture (Fall)	(BIOL-202)	3	<input type="checkbox"/>	_____	_____
BIOL-303-L	Histology Laboratory (Fall)	(BIOL-202)	1	<input type="checkbox"/>	_____	_____

Free Electives - 10-12 credits (may be used toward Public Health, Psychology, Genetics, Business or Chemistry minors)

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

TOTAL CREDITS: 126-133

◆ Writing Intensive or writing specific courses

* Prerequisites are listed after the course name in parenthesis.

You must have a minimum of 19 credits of free electives to graduate. This can be through combinations of 4, 3 and 0.5 credit courses. Discuss your options with your advisor.

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"/>	_____	_____
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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 Hallmark Core courses in

*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
