

THOMAS JEFFERSON UNIVERSITY  
 BACHELOR OF SCIENCE: PRE-MEDICAL STUDIES [LECOM 3+4]

2023-2024

Name \_\_\_\_\_

ID# \_\_\_\_\_

**LEVEL I (FIRST YEAR) – 34-37 credits** (Prerequisite) Cr Sem. Grade TR Equiv.

**Hallmark Core Courses – 22-23 credits**

FYS-100	Pathways Seminar: Preparing for Academic & Professional Success		1	<input type="checkbox"/>	_____	_____	_____
WRIT-101/G/S	Written Communication		3-4	<input type="checkbox"/>	_____	_____	_____
	WRIT-100 may only be used to satisfy free elective credits						
AVIS-101	American Visions		3	<input type="checkbox"/>	_____	_____	_____
CHEM-103	Chemistry I Lecture (Fall)	(pre or co-req MATH-102 or higher)	3	<input type="checkbox"/>	_____	_____	_____
CHEM-103L	Chemistry I Lab (Fall)	(pre or co-req MATH-102 or higher)	1	<input type="checkbox"/>	_____	_____	_____
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"/>	_____	_____	_____
PSYC-101	Introduction to Psychology		3	<input type="checkbox"/>	_____	_____	_____

**Science Core – 8 credits**

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

**General Electives – 4-6 credits** may be fulfilled by one 4 credit course, two 3 credit courses

or a combination of a 3 credit and two 0.5 credit courses discuss with your advisor

( ) \_\_\_\_\_ 4-6  \_\_\_\_\_

**LEVEL II (SECOND YEAR) – 34 credits** (Prerequisite) Cr Sem. Grade TR Equiv.

**Hallmark Core Courses – 15 credits**

ADIV-2 ( )	American Diversity	(WRIT-101, AVIS-101)	3	<input type="checkbox"/>	_____	_____	_____
GDIV-2( )	Global Diversity	(WRIT-101, AVIS-101)	3	<input type="checkbox"/>	_____	_____	_____
	Includes any level World Languages						
WRIT-201	Writing Seminar II: Multimedia Comm.	(WRIT-101)	3	<input type="checkbox"/>	_____	_____	_____
ETHIC-2( )	Ethics	(WRIT-101, AVIS-101)	3	<input type="checkbox"/>	_____	_____	_____
GCIT-2( )	Global Citizenship	(WRIT-101, AVIS-101)	3	<input type="checkbox"/>	_____	_____	_____
	Includes 201-level World Languages						

**Science Core – 8 credits**

CHEM-201	Organic Chemistry I (Fall)	(C- or better in CHEM-104/104L)	3	<input type="checkbox"/>	_____	_____	_____
CHEM-201L	Organic Chemistry I Lab (Fall)	(C- or better in CHEM-104/104L)	1	<input type="checkbox"/>	_____	_____	_____
CHEM-202	Organic Chemistry II (Spring)	(C- or better in CHEM-201/201L)	3	<input type="checkbox"/>	_____	_____	_____
CHEM-202L	Organic Chemistry II Lab (Spring)	(C- or better in CHEM-201/201L)	1	<input type="checkbox"/>	_____	_____	_____

**Pre-Medical Core - 11 credits**

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

**Statistics Course (3 credits) Select ONE of the courses below or transfer in AP Statistics (score 4 or 5)**

BIOL-312	Biostatistics	(C- or better in MATH-112 and BIOL-104)			_____	_____	_____
STAT-220	Statistics for Behavioral Sciences	(PSYC-101)	3	<input type="checkbox"/>	_____	_____	_____
MATH-321	Probability and Statistics	(MATH-112)			_____	_____	_____

**LEVEL III (THIRD YEAR) – 36-37 credits**

(Prerequisite) Cr Sem. Grade TR Equiv.

**Hallmark Core Courses – 9 credits**

ISEM-3( )	Integrative Seminar (Fall)	(WRIT-201, GDIV-2XX or GCIT-2XX)	3	<input type="checkbox"/>		
CGIS-300	Contemporary Global Issues (Fall)	(WRIT-201, GDIV-2XX or GCIT-2XX)	3	<input type="checkbox"/>		
PHIL-499	Philosophies of the Good Life (Spring)		3	<input type="checkbox"/>		

(CGIS-300, ETHC-2XX, ADIV-2XX, MATH-1XXX, GCIT-2XX, GDIV-2XX, ISEM-3XX, Sci Undstg)

**Science Core - 8 credits**

PHYC-111	Physics I Lecture and Lab (Fall)	(MATH-1XX)	4	<input type="checkbox"/>		
PHYC-112	Physics II Lecture and Lab (Fall)	(PHYC-111)	4	<input type="checkbox"/>		

**Pre-Medical Core - 16 credits**

BCHM-312	Biochemistry I Lecture (Fall)	(C- or better in BIOL-104/L and C or better in CHEM-202/202L)	3	<input type="checkbox"/>		
BCHM-312L	Biochemistry I Lab (Fall)	(C- or better in BIOL-104/L and C or better in CHEM-202/202L)	1	<input type="checkbox"/>		
BCHM-313	Biochemistry II Lecture (Spring)	(C or better in BCHM 312/312L)	3	<input type="checkbox"/>		
BCHM-313L	Biochemistry II Lab (Spring)	(C or better in BCHM 312/312L)	1	<input type="checkbox"/>		
BIOL-207L	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"/>		

**Pre Med Elective Course – 4 credits (select ONE of the following combinations of lecture AND lab courses)**

These courses can also be taken as a second course to satisfy the Advanced Biology Elective category

BIOL-413	Pathology	(BIOL-202/202L)				
BIOL-413L	Pathology Laboratory	(BIOL-202/202L)				
OR						
BIOL-303	Histology	(C- or better in BIOL-202/202L)	3	<input type="checkbox"/>		
BIOL-303L	Histology Laboratory	(C- or better in BIOL-202/202L)	1	<input type="checkbox"/>		
OR						
BIOL-405	Human Gross Anatomy (Spring)	(B or better BIOL-201/201L and BIOL-202/202L)				
BIOL-405-L	Human Gross Anatomy Laboratory (Spring)	(B or better BIOL-201/201L and BIOL-202/202L)				
OR						
BIOL-4XX	Advanced Physiology (Fall)	(C or better BIOL-202/L, 207/L, or BHCEM 313/L)				
BIOL-4XXL	Advanced Physiology Laboratory (Fall)	(C or better BIOL-202/L, 207/L, or BHCEM 313/L)				

**Advanced Science Elective - 3-4 credits: select ONE from:-**

Please note that Pre-Med Elective Courses can be taken additionally if not for the Pre Med Elective course category

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

Spring Term: BIOL-204/L, BIOL-321, BIOL-302, BIOL-307, BIOL 309, BIOL-405/L, CHEM-405, or SCI-402

( )			3-4	<input type="checkbox"/>		
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**LEVEL IV (FOURTH YEAR) – 22 credits**

(Prerequisite) Cr Sem. Grade TR Equiv.

**Science Core – 10 credits**

**Pre-Medical Core**

MCB-1001	Microbiology & Immunology		4	<input type="checkbox"/>		BIOL-221/221L
OPP-1001	Osteo. Practice & Principles I		3	<input type="checkbox"/>		BIOL-493
OPP-1002	Osteo. Practice & Principles I		3	<input type="checkbox"/>		BIOL-494

**Free Electives - 12 credits**

ANT-1004	Clinical Human Gross Anatomy		9	<input type="checkbox"/>		
PHY-1010	Physiology		3	<input type="checkbox"/>		

**TOTAL CREDITS: 126-130 (104-108 from Thomas Jefferson University)**

♦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 electives category.)

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**

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**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.*

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**COURSE STATUS:**  = course to take next semester    = course currently being taken    = course completed

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