

**COMBINED DEGREE PROGRAM: B.S. HEALTH SCIENCES /
M.S. MEDICAL LABORATORY SCIENCES & BIOTECHNOLOGY**

2021-2022

Name _____

ID# _____

TJU-EF YEAR 1 – 33-34 credits

(Prerequisite) Cr Sem. Grade TR Equiv.

NOTE: Only grades of "C" or better transfer to TJU-CC; for years 4 and 5: pre-requisite requirements may be less stringent.

Hallmarks Core Courses – 21-23 credits

FYS-100	Pathways: First Year Seminar	(Fall)	1	<input type="checkbox"/>			
WRIT-101/G/S	Writing Seminar I: Written Communication	(Fall)	3-4	<input type="checkbox"/>			
WRIT-100 may only be used to satisfy free elective credits							
WRIT-201	Writing Seminar II: Multimedia Communication	(Spring)	3	<input type="checkbox"/>			
AMST-114	Topics in American Studies		3	<input type="checkbox"/>			

Scientific Understanding Courses:

BIOL-103	Biology I	(Fall)	3	<input type="checkbox"/>	*		
BIOL-103L	Biology I Lab	(Fall)	1	<input type="checkbox"/>	*		
CHEM-103	Chemistry I Lecture	(Fall)	3	<input type="checkbox"/>	*		
CHEM-103L	Chemistry I Lab	(Fall)	1	<input type="checkbox"/>	*		
MATH-1()	Quantitative Reasoning I (based on placement, see below)	(Fall)	3-4	<input type="checkbox"/>			
MATH-102/110	Pre-calculus (3-4 cr.)						
MATH-103	Introduction to Calculus (3 cr.)	(Math 110)					
MATH-111	Calculus I (4 cr.)	(Math 110)					

Health Science Core - 1 credit

HSCI-100	Intro to Health Professions		1	<input type="checkbox"/>			
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Psychology & Science Requirements - 11 credits

PSYC-101	Introduction to Psychology		3	<input type="checkbox"/>			
BIOL-104	Biology II Lecture	(Spring)	3	<input type="checkbox"/>	*		
BIOL-104L	Biology II Lab	(Spring)	1	<input type="checkbox"/>	*		
CHEM-104	Chemistry II Lecture	(Spring)	3	<input type="checkbox"/>	*		
CHEM-104L	Chemistry II Lab	(Spring)	1	<input type="checkbox"/>	*		

TJU-EF YEAR 2 - 29 credits

(Prerequisite) Cr Sem. Grade TR Equiv.

Hallmarks Core Courses – 12 credits

ETHC-2()	Ethics	(Fall)	3	<input type="checkbox"/>			
GDIV-2()	Global Diversity (or world language)		3	<input type="checkbox"/>			
ADIV 2()	American Diversity	(Fall)	3	<input type="checkbox"/>			
GCIT-2()	Global Citizenship (or world language)	(Spring)	3	<input type="checkbox"/>			

Health Sciences Core - 5 credits

HSCI-230	Introduction to Health Care		2	<input type="checkbox"/>			
HSCI-3XX	Health Sciences Elective		3	<input type="checkbox"/>			

Science Requirements - 12 credits

BIOL-201	Anatomy & Physiology Lecture I (Fall)	(min C- in BIOL/L-112 or 104)	3	<input type="checkbox"/>	*		
BIOL-201L	Anatomy & Physiology I Lab (Fall)	(min C- in BIOL/L-112 or 104)	1	<input type="checkbox"/>	*		
BIOL-202	Anatomy & Physiology II Lecture (Spring)	(BIOL-201/201L)	3	<input type="checkbox"/>	*		
BIOL-202L	Anatomy & Physiology II Lab (Spring)	(BIOL-201/201L)	1	<input type="checkbox"/>	*		

TJU-EF YEAR 3 – 28-30 credits

(Prerequisite) Cr Sem. Grade TR Equiv.

Hallmarks Core Courses – 9 credits

ISEM-3()	Integrative Seminar	(Fall)	3	<input type="checkbox"/>			
CGIS-3()	Contemporary Global Issues	(Fall)	3	<input type="checkbox"/>			
PHIL-499	Philosophies of the Good Life		3	<input type="checkbox"/>			

(ETHC-2xx, ADIV-2xx, GCIT-2xx, GDIV-2xx, CGIS-300, ISEM-3xx, Sci Understanding, Quant Reasoning)

Health Sciences Core - 6 credits

HSCI 225	Applied Statistics	(MATH 102 or higher)	3	<input type="checkbox"/>			
HSCI-330	Medical Terminology & Doc	(BIOL 201/L or perm of PD)	3	<input type="checkbox"/>			

Psychology & Science Requirements - 10-11 credits

PSYC-2XX	Psychology Elective	(Spring)	3	<input type="checkbox"/>			
Science Elec	Elective (choose 1: BIOL 207/L; BIOL 256/L; BIOL 309; BIOL 321; CHEM 201; or PHYC 111 [for Biotech and Med Lab Sci Concentrations])		3-4	<input type="checkbox"/>	*		

BIOL-221/L Microbiology (WI) (L-112/L or 104/104L, Min of C-) 4 *

Free Elective: 3-4 cr

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*MLSB science prerequisites

NOTE: Students must complete all HSCI major and Hallmark credits, earn overall 3.0 or higher GPA in undergraduate coursework, complete all MLSB program prerequisite courses with minimum 3.0 overall GPA and no less than C in each, and all MLSB admission steps including meeting with MLSB faculty representative(s) prior to matriculating into the professional phase of the program. Formal review of students' academic progress will occur every year. Students who are unable to meet program academic standards will change their major to complete the BS in Health Sciences. The bachelor's degree requires a minimum of 120 credits.

YEAR 4 - 30-39 credits (Prerequisite) Cr Sem. Grade TR Equiv.

Professional MLSB Courses by advisement

- Medical Laboratory Science
- Cytotechnology and Cell Sciences
- Biotechnology

Introductory and Fundamentals Courses: (MATH-099 does **not** count toward graduation requirements. However, WRIT-100 and ITXA-100 can be used toward graduation credits as free electives.)

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

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