THOMAS JEFFERSON UNIVERSITY

HSCI/MEDICAL LABORATORY SCIENCES & BIOTECHNOLOGY (2+2 BS)

2023-2024

Name Campus Key: EF-TJU YEAR 1 - 32-35 credits (Prerequisite) Cr Sem. Grade TR Equiv. NOTE: All course grades, including labs, must be "C" or higher to transfer to TJU professional program. Hallmarks Core - 14-16 credits FYS-100 Pathways: First Year Seminar (Fall) 1 WRIT-101/G/S Writing Seminar I: Written Communication (Fall) WRIT-100 may only be used to satisfy free elective credits **AVIS-101** American Visions 3 BIOL-103 Biology I (Fall) 3 BIOL-103L Biology I Lab (Fall) 1 MATH-1(Quantitative Reasoning I (Fall) (based on placement, see below) 3-4 MATH-110/102 MATH-103 Introduction to Calculus (3 cr.) (Math 110 or MATH 102) MATH-111 Calculus I (4 cr.) (Math 110) Science Core - 12 credits BIOL-104 Biology II Lecture 3 (BIOL 103/103L) Biology II Lab BIOL-104L (BIOL 103/103L) 1 CHEM-103 Chemistry I Lecture (Fall 3 CHEM-103L Chemistry I Lab (Fall) 1 CHEM-104 Chemistry II Lecture (Spring) 3 (CHEM-103/L) CHEM-104L Chemistry II Lab (Spring) (CHEM-103/L) Health Sciences Core - 3-4 credits HSCI-100 Introduction to the Health Professions (Fall) HSCI-230/231H Introduction to Health Care (Spring) Psychology - 3 credits PSYC-101 Introduction to Psychology (Fall) EF-TJU YEAR 2 - 27-30 credits Hallmarks Core Courses - 12 credits **WRIT-201** 3 Writing Sem II: Multimedia Comm (WRIT-101) ETHC-2() Ethics (Spring) 3 (WRIT-101, AVIS-101) Choose TWO from ADIV-2 () **American Diversity** (WRIT-101, AVIS-101) Global Diversity or Language GDIV-2() (WRIT-101, AVIS-101) GCIT-2(Global Citizenship or Language (WRIT-101, AVIS-101) Health Sciences Core - 3 credits HSCI-225 Applied Statistics (Spring) (MATH 102 or higher) Sciences/MLSB Core - 12 credits Anatomy & Physiology Lecture I (Fall) BIOL-201 (BIOL-104/104L) BIOL-201L Anatomy & Physiology I Lab (Fall) (BIOL-104/104L) BIOL-202 Anatomy & Physiology II Lecture (Spring) (BIOL-201/201L) Anatomy & Physiology II Lab (Spring) BIOL-202L Choose 1: BIOL 256/L; BIOL 207/L; BIOL 221/L; BIOL 309; BIOL 321; CHEM 201; or for Biotech and Med Lab Sci concentrations, PHYC 111 Science Elective General Elective - 0-3 cr (choose elective[s] as interested/needed for fulltime status) **ELEC** General Elective

^{*} MLSB prerequisite science courses

MLSB professional program matriculation requirements: preferred minimum overall 3.0 GPA and preferred minimum 3.0 science GPA. Only courses with "C" grade or higher (including labs) will transfer to MLSB program.

THOMAS JEFFERSON UNIVERSITY PROFESSIONAL PROGRAM (YEARS 3 AND 4) (62-66 credits)

MLSB Professional Program courses by advisement. Students choose from among the following programs (each varies in credit load):

Medical Laboratory Science
Cytotechnology and Cell Sciences
Biotechnology

TOTAL CREDITS: minimum 120

Fundamentals Courses: Fundamental "099" courses do not count toward graduation requirements. However, WRIT-	
100 and ITXA-100 can be used toward graduation credits as general electives.	
MATH-099 Fundamentals of College Mathematics	(must earn C or better) 3

University residency requirement:

Jefferson 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, and 9 credits must be in Hallmarks Core in order to be eligible for a B.S. degree.