

SONOGRAPHY ASSOCIATES DEGREE

PREREQUISITE COURSES AND DESCRIPTIONS

Completion of the following courses can be accomplished through enrollment (on campus or online) at an accredited university or community college. Prerequisites can be in progress when a student applies to the program; admitted students must complete all prerequisites before the program start date in August. Students must earn a grade of C- or higher in order to fulfill prerequisite courses. Please note that one course cannot be used to satisfy more than one prerequisite.

PREREQUISITE COURSE	CREDITS
MAT 120 College Algebra This course provides an advanced study of algebraic methods and prepares students for further studies in mathematics and physics. Content of the course starts with a review of basic concepts of algebra, and then it intensifies study of the following topics: equations and inequalities, the concept of functions and their graphs, exponents, logarithms, matrices and polynomials.	3
PHY 101 Physics I This course teaches the fundamentals of physics which include: kinematics, Newton's Laws, momentum, work and energy, sound and light waves, equilibrium, and thermodynamics. This lab includes experiments relevant to the material explored in Physics I. This course must include a lab.	4*
COM 101 English Composition This course provides instruction and practice in writing, with emphasis on the recursive processes of generating, drafting, revising and editing.	3
PSY 101 Introduction To Psychology A broad and introductory course in general psychology is required.	3
<i>or</i> PSY 215 Lifespan Development All acceptable courses must cover the lifespan from conception through death and cover social, cognitive, emotional, and physical development.	3
SCI 116 Medical Terminology This course will introduce students to terminology used in the healthcare professions. The origins of medical terms will be studied with an emphasis placed on understanding the suffixes, prefixes, combining forms, and root words used in healthcare terminology. At the end of the course the student will be able to read and understand, converse, translate and discuss issues related to their profession using appropriate terminology.	1
BIO 225 Human Anatomy & Physiology I Human anatomy and physiology may be taken as separate courses or as a combined anatomy and physiology course. If anatomy and physiology is offered as a two- or three-part sequence (i.e., A&P I and II), all courses in the sequence must be completed. Accompanying lab is required.	4*
BIO 226 Human Anatomy & Physiology II Human anatomy and physiology may be taken as separate courses or as a combined anatomy and physiology course. If anatomy and physiology is offered as a two- or three-part sequence (i.e., A&P I and II), all courses in the sequence must be completed. Accompanying lab is required.	4*

*If course has less than the specified number of credit hours, student will be asked to provide a syllabus to verify that the course had a lab component.

The programs, requirements, and policies—including, but not limited to, statements on admission, tuition, fees, and course offerings—contained above are subject to change at the discretion of the College without notice, obligation, or liability. Any changes may also be applied to currently matriculated students. Updates, notifications, and changes are available at the College website, methodistcollege.edu. Nebraska Methodist College prohibits discrimination based on race, ethnicity, sex, color, religion, national origin, physical or mental disability, age, marital status, sexual orientation, pregnancy, gender identity, status as a U.S. Veteran, or other protected class, that adversely affects their employment or education as well as discrimination on the basis of sex in any education program or activity receiving federal financial assistance. The following has been designated to handle inquiries regarding NMC's non-discrimination policies: Chief Student and Institutional Success Officer at (402) 354-7259. For more information, please see NMC's Equal Opportunity/Non-Discrimination and Title IX—Sexual Misconduct policies at www.methodistcollege.edu.



THE JOSIE HARPER CAMPUS

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