COLLEGE OF HEALTH AND SCIENCES
MEDICAL PHYSICS DEGREE PLAN
2026-2027

FIRST YEAR- FRESHMAN (31-HRS)

Fall Semester
UNIV 1001 * Tiger Connect
ENG 1113 * Freshman Composition I
MATH 1513 * College Algebra
MATH 1713 Trigonometry
General Education Elective (3 hours)
HIST 24-3 * United States History Survey

16 TOTAL HOURS

Spring Semester
ENG 1213 * Freshmen Composition II
PS 1113 * United States Government
MATH 2825 Calculus and Analytic Geometry I
CHEM 1114 * General Chemistry I

15 TOTAL HOURS

SECOND YEAR-SOPHOMORE (33-HRS)

Fall Semester
CHEM 1214 General Chemistry II
MATH 3025 Calculus and Analytic Geometry II
PHYS 2115 Engineering Physics I
BIOL 1314 * General Zoology

18 TOTAL HOURS

Spring Semester
PHYS 2225 Engineering Physics II
BIOL 1114 * General Biology
MATH 3033 Calculus and Analytic Geometry III
CMPSC 1113 *Computer Programming I

15 TOTAL HOURS

THIRD YEAR - JUNIOR (30-HRS)

Fall Semester
MATH 4113 Differential Equations
Physics Elective (3 hours)
PHYS 3013 Modern Physics
General Education Cultural and Aesthetic Awareness (GC)(3 hours)
BIOL 2184 Human Anatomy

16 TOTAL HOURS

Spring Semester
MATH 3513 Mathematical Statistics OR MATH 3583 Applied Statistics OR SOC 3833 Statistics for Social Science
General Education Elective (*COMM 1113 Fundamentals of Human Communication recommended)
PHYS 3412 Junior Physics Laboratory
EHS 2413 Radiologic Health OR BIOL 2113 Medical Terminology
PHYS 3222 Medical Physics

13 TOTAL HOURS

FOURTH YEAR - SENIOR (27-HRS)

Fall Semester
PHYS 3713 Thermodynamics
BIOL 3634 Human Physiology
Physics 3-4000 level Elective (2 hours)
CHEM 3114 Organic Chemistry I

13 TOTAL HOURS

Spring Semester
PHYS 4313 Intro to Nuclear Physics
PHYS 4222 X-ray and Nuclear Lab
General Education Cultural and Aesthetic Awareness (IKC)(3 hours)
General Education Elective or Minor (3 hours)(ENG 3183 Technical and Professional Writing recommended

14 TOTAL HOURS

Legend:
** General Education Requirements*