

COURSE PATHWAY FOR HEALTH CARE CAREER GOALS FOR HEALTH SCIENCE MAJORS

Pre-Physical Therapy

COURSE TITLE	# SEMESTERS	TUSKEGEE UNIVERSITY COURSE SEQUENCE
Biology	2 semesters	BIOL -020 BIOL -0121
General Chemistry	2 semesters with lab	CHEM- 0221 CHEM- 0222
Physics	2 semesters with lab	PHYS- 0110 PHYS- 0111
Physiology	1 semester	ANAP 0201 Anatomy & Physiology
Other Physiology	Kinesiology, Pathophysiology or exercise physiology	PHED 0315 Kinesiology
Stats	1 semester	MATH 0507 Probability of Statistics
English	2 semesters	ENGL 0101, ENGL 0102
Humanities, Social & Behavioral Science	Most require 1 semester	SOCI -0200
Foreign Language	Knowledge and cultural competency in at least one foreign language is strongly recommended.	SPAN 0101 Elementary Spanish or SPAN –0201 Intermediate Spanish

General Pre-Pharmacy School Course Requirements

COURSE SUBJECTS	# SEMESTERS	TUSKEGEE UNIVERSITY COURSES SEQUENCE
Biology	Most schools require 2 semesters with lab	BIO 0120, BIO 0121
General Chemistry	2 semesters of general chemistry with lab	CHEM- 0321 lab I, CHEM- 0322 lab II
Organic Chemistry	2 semesters of organic chemistry with lab	CHEM 0223 lab I, CHEM 0224 lab II
Physiology	1 semester	ANPH 0201 Anatomy & Physiology
Physics	Most schools require 1-2 semester w/lab	PHYS 0110
Microbiology	1 semester	MBIO 0412
Biochemistry	1 semester	BIOL 0360
English	2 semesters	ENGL 0101, ENGL 0102
Economics	1 semester	ECON 0201
Speech	1 semester	ENGL 0327 Public Speaking
Humanities	1 semester	SOCI 0200

Dental School Prerequisites

COURSE SUBJECT	# SEMESTERS	TUSKEGEE UNIVERSITY COURSE SEQUENCE
Biology	2 semesters	BIOL -020 BIOL -0121
General (Inorganic) Chemistry	2 semesters w/lab	CHEM- 0231 lab I, CHEM 0232 lab II
Organic Chemistry	1 semester w/lab	CHEM 00320 lab I Organic Chemistry I
Physics	2 semesters	PHYS- 0110 PHYS- 011
English	2 Semesters	ENGL 0101, ENGL 0102
Humanities	1 semester	SOCI 0200
Calculus	1 semester	MATH 0107 Or MATH 0108
Histology or Zoology	1 semester	BIOL 0204 Invertebrate Zoology
Microbiology	1 semester	BIOL 0301 General Microbiology
Physiology	1 semester	ANPH 0201 Anatomy & Physiology
Stat	1 semester	MATH 0507 Probability of Statistics
Basic Business Course	1 semester	BUSN 0102 Business Management Orientation
Additional Biochemistry	1 semester w/lab	BIOL 0360 Biochemistry of cell regulation

General Pre-Optometry School Course Requirements

COURSE SUBJECT	# SEMESTERS	TUSKEGEE UNIVERSITY COURSE SEQUENCE
Biology	2 semesters w/lab	BIOL -020 BIOL -0121
General Chemistry (Inorganic Chemistry)		CHEM- 0231 lab I, CHEM 0232 lab II
Immunology	1 semester	MBIO 0413G Immunology

Human Anatomy & Physiology	2semester	ANPH 0201 Anatomy & Physiology
Physics	2 semesters	PHYS- 0110 PHYS- 011
Microbiology	1 semester	BIOL 0301 General Microbiology
Calculus	1 semester	MATH 0107 Or MATH 0108
Statistics	1 semester	MATH 0507 Probability of Statistics
English	2 semesters	ENGL 0101, ENGL 0102
Psychology	1 semester	PSYC 0270 Intro to Psychology

Pre-Occupational Therapy	Semesters	Tuskegee University Courses
General Chemistry	2 semesters	CHEM 221/223 222/224
Organic Chemistry	1 semester	CHEM 320
General Microbiology	1 semester	BIOL 301
Human Anatomy & Physiology	2 semesters	ANPH 201 & 202
Pre-calculus	1 semester	MATH 107
Statistics	1 semester	MATH 507
General Psychology	1 semester	PSYC 270
Medical Terminology	1 semester	HLSC 303

Pre-Physician Assistance Pre-requisites		
Medical Terminology	1 Semester	HLSC 303
Biology with Lab	1 Semester	
Human Anatomy with Lab	2 semesters	ANPH 201 & 202
Human Development and Behavior	1 semester	PSYC 377
Physics	1 semester	PHYC 301/303
Abnormal Psychology	1 semester	PSYC 567
Developmental Psychology		
Kinesiology	1 semester	PHED 315
Statistics	1 semester	MATH 507
Sociology/Anthropology	1 semester	SOCI 240/SOCI 340