

Healthcare Science Certificate

HS21

Program Purpose: The Healthcare Science program is a certificate program designed to allow students to take degree level prerequisite courses for Health Sciences degree programs.

The coursework in the following TCC curriculum may have prerequisite courses that must be completed prior to enrolling in the TCC courses. Please consult the College catalog to determine appropriate general education coursework that is required for your intended program of study.

Certificate Requirements

English: 3-6 credits

ENGL 1101	Composition and Rhetoric	3
-----------	--------------------------	---

REQUIRED for all Degree Health Programs

Additional Language Arts/Communication Courses:

ENGL 1102	Literature and Composition	3
-----------	----------------------------	---

SPCH 1101	Public Speaking	3
-----------	-----------------	---

SPAN 1101	Introduction to Spanish Language and Culture I	3
-----------	--	---

SPAN 1102	Introduction to Spanish Language and Culture II	3
-----------	---	---

Math: 3 credits

(Consult the College catalog to determine the appropriate Math for your intended program of study)

MATH 1101	Mathematical Modeling	3
-----------	-----------------------	---

MATH 1111	College Algebra	3
-----------	-----------------	---

MATH 1112	College Trigonometry	3
-----------	----------------------	---

MATH 1113	Precalculus	3
-----------	-------------	---

MATH 1127	Introduction to Statistics	3
-----------	----------------------------	---

MATH 1131	Calculus I	4
-----------	------------	---

MATH 1132	Calculus II	4
-----------	-------------	---

Social/Behavioral Sciences: 3-6 credits

PSYC 1101 Introductory Psychology 3

REQUIRED for all Degree Health Programs

Additional Social/Behavioral Sciences:

PSYC 2103 Human Development 3

PSYC 2250 Abnormal Psychology 3

POLS 1101 American Government 3

SOCI 1101 Introduction to Sociology 3

HIST 1111 World History I 3

HIST 1112 World History II 3

HIST 2111 U.S. History I 3

HIST 2112 U.S. History II 3

ECON 1101 Principles of Economics 3

ECON 2105 Macroeconomics 3

ECON 2106 Microeconomics 3

Humanities Elective: 3 credits

ARTS 1101 Art Appreciation 3

ENGL 2110 World Literature 3

ENGL 2130 American Literature 3

HUMN
1101 Introduction to Humanities 3

MUSC
1101 Music Appreciation 3

THEA 1101 Theater Appreciation 3

Computers: 3 credits

COMP 1000 Introduction to Computers 3

Sciences: Choose 4-12 credit hours

BIOL 2113 Anatomy and Physiology I 3

BIOL
2113L Anatomy and Physiology Lab I 1

BIOL 2114 Anatomy and Physiology II 3

BIOL 2114L	Anatomy and Physiology Lab II	1
BIOL 2117	Introductory Microbiology	3
BIOL 2117L	Introductory Microbiology Lab I	1
CHEM 1151	Survey of Inorganic Chemistry	3
CHEM 1151L	Survey of Inorganic Chem Lab	1
CHEM 1152	Survey of Organic Chemistry and Biochemistry	3
CHEM 1152L	Survey of Organic Chemistry and Biochemistry Lab	1
PHYS 1110	Conceptual Physics	3
PHYS 1110L	Conceptual Physics Lab	1
BIOL 1111	Biology I	3
BIOL 1111L	Biology I Lab	1
BIOL 1112	Biology II	3
BIOL 1112L	Biology II Lab	1
CHEM 1211	Chemistry I	3
CHEM 1211L	Chemistry Lab I	1
CHEM 1212	Chemistry II	3
CHEM 1212L	Chemistry Lab II	1
PHYS 1111	Introductory Physics I	3
PHYS 1111L	Introductory Physics Lab I	1
PHYS 1112	Introductory Physics II	3
PHYS 1112L	Introductory Physics Lab II	1

Occupational Courses: Choose 2-13 credit hours

ALHS 1040	Introduction to Health Care	3
ALHS 1060	Diet & Nutrition for Allied Health	2
ALHS 1090	Medical Terminology for Allied Health Sciences	2
ALHS 1113	Introduction to Healthcare Professions	2

ALHS 1550	Pharmacology for Health Care	3
BUSN 1440	Document Production	4
MAST 1120	Human Pathological Conditions in the Medical Office	3
NAST 1100	Nurse Aide Fundamentals	6

Total Credit Hours: 21-36