

Associate in Science Degree

Major: HEALTH SCIENCE EMPHASIS

Students who are interested in a Health Science career may enroll in the Associate in Science - Health Science Emphasis program in order to select the courses they will need for admission into the Health Science programs of their choice. When students apply for admission into this degree program, they select among concentrations: Nursing Preparation (NUR), Practical Nursing (LPN), Dental Hygiene Preparation (DHG), Radiology Preparation (RAD), Physical Therapist Preparation (PTA), or Surgical Technology Preparation (SUR).

Students who are interested in this degree program should contact their Academic Advisors for assistance in course selection. Please note that selecting a concentration is for advising purposes only and does not imply automatic acceptance into that specific limited-enrollment program.

For more information about Health Science Admissions visit: www.hgtc.edu/healthscience

CURRICULUM SEQUENCE

Students should complete the courses required for admission and general education requirements (below) and may enroll in the remaining courses required for Associate in Science, Health Science Emphasis in preparation for admission to the Health Science program concentration.

GENERAL EDUCATION REQUIREMENTS

English Composition and Speech

ALL of the following **MUST** be completed:

ENG 101	English Composition I	3
ENG 102	English Composition II	3
SPC 205	Public Speaking	3

Total Credit Hours Needed

Natural Sciences/Mathematics

TWO courses to be chosen from the following courses (may not repeat from above):

AST 101	AST 102	BIO 101
CHM 105	CHM 110	MAT 110
MAT 140	PHY 118	PHY 201
PHY 222		

Total Credit Hours Needed

Humanities/Fine Arts

TWO courses to be chosen from the following courses:

ART 101	ART 108	ENG 201
ENG 206	ENG 208	ENG 209
FRE 201	FRE 202	GER 201
HIS 102	HIS 201	HIS 202
PHI 101	PHI 110	PHI 201
SPA 202	THE 101	

Total Credit Hours Needed

Social Behavioral Sciences

The following course is required:

PSY 201

Total Credit Hours Needed

ONE course to be chosen from the following courses:

ANT 101	ECO 210	ECO 211
PSC 201	PSC 215	PSY 203
SOC 102		

Total Credit Hours Needed

MAJOR CONCENTRATION

AST 101	AST 102	BIO 210
CHM 110	CHM 111	CHM 211

(Continued)

MAT 120 MAT 122 MAT 130
PHY 202 PHY 221 PHY 222

Total Credit Hours Needed

OTHER REQUIRED COURSES

AHS102 AHS 108** AHS 110
AHS 143 AHS 145 AHS 147**
PHI 103 PHI 110 PHY 118**
PSY 203** SPA 101 SPA 102

Total Credit Hours Needed

TOTAL CREDIT HOURS

DENTAL HYGIENE

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.75 or higher.

BIO 210
CHM 105 or CHM 110
MAT 101*
ENG 101

Total Credit Hours Needed

DIAGNOSTIC MEDICAL SONOGRAPHY

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.5 or higher.

AHS 102 or AHS 104
AHS 110 or AHS 114 if not previous patient skills background
BIO 210 and BIO 211
COL 105
ENG 101
MAT 101* or MAT 120
PHY 118 or PHY 201 or PHY 202
PSY 201
SPC 205
Humanities

Total Credit Hours Needed

NUCLEAR MEDICINE

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.5 or higher.

AHS 102 or AHS 104
AHS 110 or AHS 141
BIO 210 and BIO 211
CHM 105 or CHM 110
COL 105
ENG 101
MAT 110 or MAT 120
PHY 118 or PHY 201 or PHY 202
PSY 201
SPC 205
Humanities

Total Credit Hours Needed

NURSING

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.75 or higher.

BIO 210 and BIO 211 and BIO 225
ENG 101 and ENG 102
Humanities
MAT 110 or MAT 120
PSY 201

SPC 205

Total Credit Hours Needed

*AHS 108, AHS 147 and PSY 203 recommended for Nursing.

PHYSICAL THERAPY ASSISTANT

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.5 or higher.

BIO 210

ENG 101

Humanities

MAT 110 or MAT 120

PSY 201

Total Credit Hours Needed

*PHY 118 recommended for PTA.

PRACTICAL NURSING

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.5 or higher.

BIO 210 and BIO 211

ENG 101

MAT 155*

PSY 201

Total CreditHoursNeeded

RADIOLOGY

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.5 or higher.

BIO 210

COL 105

ENG 101

MAT 110 or MAT 120

Total Credit Hours Needed

SURGICAL TECHNICIAN

The following courses are required pre-requisites courses with a "C" or higher and a cumulative GPA of 2.0 or higher.

BIO 210 and BIO 211 andBIO 225

Total Credit Hours Needed

*To receive the Associate of Science, Health Science degree, students must complete additional math courses as required for associate degree.