

# Health Sciences Preparation

## 26-34 Credit Hours

Health Science degree applicants complete one of the following options.

ENG 101 English Composition I 3  
PSY 201 General Psychology 3  
BIO 210 Anatomy and Physiology I 4  
BIO 211 Anatomy and Physiology II 4  
BIO 225 Microbiology 4  
CHM 105 General Organic and Biochemistry 4  
MAT 110 College Algebra 3  
or  
MAT 120 Probability and Statistics 3  
SPC 205 Public Speaking 3  
or  
SPC 209 Interpersonal Communication 3  
SOC 101 Introduction to Sociology 3  
  
REQ HUM                      Select from                      3  
[Humanities](#)

**Pathway 2: For Associate Degree in Emergency Medical Technology applicants only**

ENG 101 English Composition I	3
PSY 201 General Psychology	3
BIO 210 Anatomy and Physiology I	4
BIO 211 Anatomy and Physiology II	4
IDS 109 First Year Experience Seminar	3
MAT 120 Probability and Statistics	3
REQ HUM	Select from <a href="#">Humanities</a>
	3

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**Students work with academic advisor to choose 3 credit hours of appropriate courses required for designated Health Sciences degree.**

Total: 26

**Pathway 3: For Associate Degree in General Technology Expanded Duty Dental Assisting applicants only**

ENG 101 English Composition I 3

PSY 201 General Psychology 3

MAT 110 College Algebra 3

or

MAT 120 Probability and Statistics 3

IDS 109 First Year Experience Seminar 3

or

REQ GEN                      Select from                      3  
[General Education](#)

REQ HUM                      Select from [Humanities](#)                      3

**Other Requirements for Pathway 3:**

Students must also select a minimum of 11 hours from the below listed courses to meet career goals. Students who intend to seek a management position in the dental services field should select the management and/or marketing courses.

BIO 210 Anatomy and Physiology I 4

BIO 211 Anatomy and Physiology II 4

ECO 210 Macroeconomics 3

MGT 101 Principles of Management 3

MGT 120 Small Business Management 3

MGT 270 Managerial Communication 3

MKT 101 Marketing 3

PSY 203 Human Growth and Development 3

SOC 101 Introduction to Sociology 3

SPA 101 Elementary Spanish I 4

SPC 205 Public Speaking 3

or

SPC 209 Interpersonal Communication 3

Total: 26

**Pathway 4: For Associate Degree in Health Information Management applicants only**

ENG 101 English Composition I 3

PSY 201 General Psychology 3

IDS 109 First Year Experience Seminar 3

MAT 120 Probability and Statistics 3

AHS 104 Medical Vocabulary-Anatomy 3

BIO 112 Basic Anatomy and Physiology 4

REQ HUM                      Select from                      3  
[Humanities](#)

**Other Requirements for Pathway 4:**

**Students work with academic advisor to choose a minimum of 4 credit hours of appropriate courses required for designated Health Sciences degree.**

Total: 26

**Pathway 5: For Associate Degree in General Technology Medical Assisting applicants only**

ENG 101 English Composition I 3  
PSY 201 General Psychology 3  
AHS 104 Medical Vocabulary-Anatomy 3  
AHS 121 Basic Pharmacology 2  
AHS 142 Phlebotomy 2  
AHS 170 Fundamentals of Disease 3  
MAT 120 Probability and Statistics 3  
or  
MAT 155 Contemporary Mathematics 3  
SPC 205 Public Speaking 3  
or  
SPC 209 Interpersonal Communication 3  
REQ HUM                      Select from                      3  
[Humanities](#)

**Other Requirements for Pathway 5:**

These students must also select a minimum of 8 hours from the below listed courses to meet career goals.

BIO 210 Anatomy and Physiology I 4  
BIO 211 Anatomy and Physiology II 4  
BUS 101 Introduction to Business 3  
MGT 101 Principles of Management 3  
MGT 120 Small Business Management 3  
MKT 101 Marketing 3  
PSY 203 Human Growth and Development 3  
PSY 212 Abnormal Psychology 3  
SOC 101 Introduction to Sociology 3

Total: 33

**Pathway 6: For Associate Degree in Medical Laboratory Technology applicants only**

ENG 101 English Composition I 3  
PSY 201 General Psychology 3  
AHS 104 Medical Vocabulary-Anatomy 3  
AHS 142 Phlebotomy 2

BIO 112 Basic Anatomy and Physiology 4

CHM 110 College Chemistry I 4

MAT 110 College Algebra 3

REQ HUM                      Select from                      3  
[Humanities](#)

**Other Requirements for Pathway 6:**

**Students work with academic advisor to choose a minimum of 1 credit hour of appropriate courses required for designated Health Sciences degree.**

Total: 26

**Pathway 7: For Associate Degree Occupational Therapy Assistant applicants only**

ENG 101 English Composition I 3

PSY 201 General Psychology 3

PHI 101 Introduction to Philosophy 3

AHS 104 Medical Vocabulary-Anatomy 3

BIO 210 Anatomy and Physiology I 4

BIO 211 Anatomy and Physiology II 4

ENG 102 English Composition II 3

MAT 120 Probability and Statistics 3

PSY 203 Human Growth and Development 3

SPC 205 Public Speaking 3

or

SPC 209 Interpersonal Communication 3

Total: 32

**Pathway 8: For Associate Degree Physical Therapist Assistant applicants only**

ENG 101 English Composition I 3

PSY 201 General Psychology 3

BIO 210 Anatomy and Physiology I 4

BIO 211 Anatomy and Physiology II 4

MAT 110 College Algebra 3

or

MAT 120 Probability and Statistics 3

REQ HUM                      Select from                      3  
[Humanities](#)

**Other Requirements for Pathway 8:**

**Students work with academic advisor to choose a minimum of 6 credit hours of appropriate courses required for designated Health Sciences degree.**

Total: 26

**Pathway 9: For Associate Degree Radiologic Technology applicants only**

ENG 101 English Composition I 3



**Pathway 12: For Associate Degree Veterinary Technology applicants only**

ENG 101 English Composition I 3  
PSY 201 General Psychology 3  
PHI 110 Ethics 3  
BIO 101 Biological Science I 4  
BIO 225 Microbiology 4  
MAT 120 Probability and Statistics 3

**Other Requirements for Pathway 12:**

**Students work with academic advisor to choose a minimum of 6 credit hours of appropriate courses required for designated Health Sciences degree.**

Total: 26

Admission into this program requires proof of high school graduation or GED and qualifying placement levels. Students must meet with a Health Sciences academic advisor in their desired program of study to discuss their academic plan.

**Note:** Completion of the Health Science Preparation certificate does not automatically admit a student into their chosen career path. Students must complete all courses in their chosen career path with a grade of C or better and meet all other admission requirements according to their program of study. Please see the specific Health Sciences program webpage for additional information regarding admission.