

# Associate of Science in Health Sciences(AS)

## Degree Type

Associate of Science

## Philosophy

The faculty of Bryan College of Health Sciences, Associate of Science in Health Science program, believes that: The Health Sciences associate of science degree program provides a strong foundation in health sciences for students wishing to pursue a baccalaureate degree in a healthcare field. Educational preparation for study in a health related field is built on an integrated study of natural sciences and general education concepts. Critical thinking is required to develop the scientific knowledge base essential to pursue an educational course of study in a health related field.

Students and graduates are guided by legal and ethical standards, and require communication and interpersonal skills which promote positive interaction with others in the educational and healthcare environment. They gain competence in applying natural science concepts and recognize the contribution of science to healthcare. Quality healthcare cannot exist without the academic framework and intellectual discipline inherent in the study of natural sciences.

Learning is a life-long, interactive process that builds on previous experience and ideally results in change in attitudes, beliefs, and/or behaviors. Learning occurs in a variety of environments, and involves the cognitive, affective and psychomotor domains. The learner is responsible for actively seeking knowledge both independently and under the supervision and guidance of qualified faculty.

Faculty are responsible as role models, mentors and teachers for providing a caring environment in which students are free to explore and develop personally, professionally and intellectually. The College provides educational opportunities within the multiple contexts of legal and ethical boundaries, political and economic forces, sociocultural influences, and spiritual and historical factors. This environment provides quality education, which develops critical thinking and contributes to meeting the emerging health care needs of society.

## Curriculum Objectives

1. Incorporate fundamental knowledge of chemistry, physics, anatomy and physiology, microbiology and pathophysiology in differentiating between normal and abnormal human functioning.
2. Relate published research findings in the areas of natural sciences to current issues and trends in healthcare.
3. Utilize critical thinking to analyze and solve problems related to health sciences.
4. Demonstrate preparedness for further study in a healthcare profession and/or employment in an entry-level support position in a healthcare setting.

## Degree Requirements

Students earning an Associate of Science in Health Professions: Health Sciences Major must complete a minimum of 63 credits with 30 of them in the major. All general education requirements for an Associate of Science degree as specified in the College catalog must be met.

## Course Sequencing

## Semester 1

Item #	Title	Credits
ENGL104	English Composition I	3
	Cultural Studies Electives	3
	Math Elective	3
	Natural Science Elective	4
GSTU101	Introduction to the Bryan College of Health Sciences Experience	1
HIMS100	Medical Terminology	1

## Semester 2

Item #	Title	Credits
	Healthcare Elective	3
	Natural Science Elective	4
STAT210	Elements of Statistics	3
	Social Science Elective	3
COMM104	Public Speaking	3

## Semester 3

Item #	Title	Credits
	Natural Science Elective	4
	Natural Science Elective	4
PHIL210	Ethics in Health Care	3
	Social Science Elective	3
AHAL313	Research in Healthcare	2

## Semester 4

Item #	Title	Credits
	Natural Science Elective	4
	Humanities Elective	3
	Natural Science Elective or Natural Science Elective and BIOS 150	4
AHAL314	Issues and Trends in Health Professions	2
	General Elective	3
	Total Credits	63