

BACHELOR OF SCIENCE WITH A MAJOR IN HEALTH SCIENCES

The Bachelor of Science with a major in Health Sciences is designed to provide students with a fully integrated and comprehensive curriculum to prepare them for a variety of careers within the health sciences and healthcare sector. The program core, which fuses courses in the sciences, communication, and psychology, will expose students to the multiple facets of health and introduce them to a variety of careers in health care and related professions. Depending on interest and career aspirations, students will then select upper-level courses that are aligned with one of our three tailored tracks (general health sciences, behavioral health, and health promotion) and meet requirements for admission to graduate level clinical and non-clinical programs, as well as the employment sector.

Our unique emphasis on interdisciplinary study and the tailored tracks, coupled with expert faculty and the infusion of experiential learning opportunities, gives students the flexibility to explore different facets of health-related professions. This, combined with the core business skills a Bryant education provides, will equip students with a truly unique skill set enabling them to solve problems and be successful in multiple areas of the health industry.

The program coordinator and designated faculty mentors will provide the counseling required for students to select courses and explore career opportunities in this expansive and lucrative sector.

Students in the Health Sciences major will:

- Explain the socio-economic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities.
- Communicate effectively on a variety of topics related to health and health care.
- Demonstrate content knowledge in the health sciences.
- Describe the basic concepts, methods, and tools of public health data collection, use and analysis.
- Design a project that uses the fundamental concepts of program implementation including planning, assessment, and evaluation to address a public health challenge.
- Gain a comprehensive and holistic perspective of health which will prepare them to successfully enter a variety of health-related careers and gain acceptance to graduate programs.

Bachelor of Science Degree with a Major in Health Sciences Curriculum Requirements:

General Education Requirements

University Minor Requirements

Health Science Degree Core Requirements

SCI 251	Biology I Principles of Biology	3
SCI 265	Introductory Chemistry I	3
PSY 260	Introduction to Psychology	3

COM 280	Introduction to Health Communication	3
HS 390	Research Methods in Health Sciences	3

General Health Sciences Track

SCI 383	Human Health and Disease	3
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Choose 3 additional courses from the list below, one must be at the 400 level. Also take one additional course from one of the other tracks.

SCI 253	Biology II Organismal Biology	3
SCI 267	Introductory Chemistry II	3
SCI 352	Exercise Physiology	3
SCI 353	Human Muscles and Movement	3
SCI 354	Fundamentals of Nutrition	3
SCI 360	Anatomy and Physiology I	3
SCI 363	Genetics	3
SCI 365	Organic Chemistry I	3
SCI 367	Biochemistry	3
SCI 374	Organic Chemistry II	3
SCI 377	Microbiology	3
SCI 378	Computer Programming for the Sciences	3
SCI 380	Anatomy and Physiology II	3
SCI 401	Fundamentals of Strength and Conditioning	3
SCI 402	Current Topics in Nutrition	3
SCI 466	Global Health Challenges	3
SCI 470	Immunity and Disease	3
PSY 374	Introduction to Neuroscience	3
HS 391	Health Sciences Internship	3

Behavioral Track

PSY 375	Health Psychology	3
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Choose 3 additional courses from the list below, one must be at the 400 level. Also take one additional course from one of the other tracks.

PSY 355	Introduction to Psychopathology	3
PSY 360	Child and Adolescent Development	3
PSY 361	Adult Development and Aging	3
PSY 372	Positive Psychology	3
PSY 472	Child Psychopathology	3
PSY 480	Counseling Theory and Practice	3
PSY 481	Exercise and Sport Psychology	3
PSY 483	Drugs and Behavior	3
PSY 484	Psychological Testing and Assessment	3
PSY 486	Judgement and Decision Making	3
COM 470	Persuasion and Social Influence	3
HS 391	Health Sciences Internship	3

Health Promotion Track

COM 333	Public Health Communication: Advocacy and Action	3
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Choose 3 additional courses from the list below, one must be at the 400 level. Also take one additional course from one of the other tracks.

COM 360	Crisis and Risk Communication	3
COM 470	Persuasion and Social Influence	3
COM 480	Advanced Health Communication Health Campaigns	3

PSY 375	Health Psychology	3
PSY 473	Community Psychology	3
SCI 383	Human Health and Disease	3
SCI 466	Global Health Challenges	3
HS 391	Health Sciences Internship	3

Suggested Electives for all Tracks:

COM 480	Advanced Health Communication Health Campaigns	3
ECO 464	Behavioral Economics and Applications	3
ECO 473	Economics of Health and Medical Care	3
LGLS 383	Health Law	3
SCI 252	Medical Terminology	1
SCI 275	Introduction to Healthcare: Clinical and Business Perspectives	3
SOC 352	Sociology of Gender, Illness, and Health	3

Business Minor Requirement

A minimum of 30 credits is required for the major.

A minimum of 122 credit hours required for graduation.

¹ Modes of Thought requirements can be met by appropriate courses in the major.

² Include one Lab Science. One science must be taken at the 300 or 400 level.