

# Pursue your passion in health



**ASU**® College of  
**Health Solutions**  
Arizona State University

# Explore our undergrad

Degree programs at ASU's College of Health Solutions can prepare you to make a positive difference in health and health care. Our graduates are highly qualified health professionals who have an impact in homes, communities, schools, workplaces and clinical settings.

## Pre-health degrees

The degrees listed include many science and math prerequisites, along with other courses, to help you become a well-rounded individual prepared to improve health outcomes. Students who wish to gain admission to professional school (e.g., medical, dental, physician assistant, physical therapy, occupational therapy, chiropractic, veterinary) may complete any bachelor's degree. Pre-health advising is open to all majors at all ASU campus locations. [prehealth.asu.edu](https://prehealth.asu.edu)

### Location key

**D** Downtown Phoenix campus **H** Lake Havasu City **L** ASU Local@Los Angeles **O** Online **P** Polytechnic campus **T** Tempe campus **W** West campus **Y** Yavapai

#### Description

#### Career and graduate school opportunities

### Biomedical informatics, BS **D**

**4+1** This degree is available with an accelerated one-year master's degree program.

Prepares you to analyze and translate large volumes of health data and research into meaningful solutions that improve health care and patient outcomes.

**Career opportunities** as a clinical systems analyst, health information technology specialist, population health analyst, quality improvement analyst, software developer, application developer, medical informatics specialist, systems designer, project manager or data analyst.

### Dietetics, BS **D**

Become a food and nutrition expert and get the coursework needed to apply for a dietetic internship. This program, combined with a dietetic internship, meets the requirements necessary for those pursuing registration as a dietitian or dietitian nutritionist.

**Career opportunities** as a registered dietitian nutritionist (requires completion of dietetic internship and passing registration exam) or nutrition and dietetics technician, registered (requires passing national exam).

**Pathway to** dietetic internships and graduate study. Note: Beginning in 2024, a master's degree will be required by the Commission on Dietetic Registration to become a registered dietitian.

### Exercise and wellness, BS **D**

**4+1** This degree is available with an accelerated one-year master's degree program.

Provides you with foundational knowledge of exercise physiology and applied kinesiology. The program revolves around exercise testing and applying your knowledge to cardiac rehabilitation. You will learn skills such as assessing EKG results and metabolic rates, and V02 max testing.

**Career opportunities** as a certified exercise physiologist, clinical exercise specialist or health fitness specialist.

### Food and nutrition entrepreneurship, BS **D** **L** **O**

Provides you with the ability to apply nutrition principles in a variety of fields. The food entrepreneurship track will help you develop an understanding of the food industry, learn to manage and market food, and create menus that meet specific nutritional guidelines.

**Career opportunities** in the food industry, as a food service manager, food service director at schools, health care facilities or corporate food service, or for work in food marketing and distribution.

### Health education and health promotion, BS **D** **H** **L** **O**

Provides you with training and course requirements to become a certified health education specialist through the National Commission for Health Education Credentialing. Health educators first assess individual and community health needs, then design, implement, administer and evaluate effective health promotion programs.

**Career opportunities** as a certified health education specialist, community health educator, school health educator or corporate wellness director. Community health educators administer health promotion programs in work, community, health care, nonprofit, school and agency settings.

# graduate degrees

## Health sciences, BS

**4+1** This degree is available with an accelerated one-year master's degree program.

Takes an interdisciplinary approach to health care and allows you to focus on a specialty area. Choose a track: Community-based health outcomes; health legislation and regulation; integrated care; language, speech and communication; or Spanish and health. A limited number of students pursue an echocardiography certificate through Mayo Clinic.

**Career opportunities** as a certified health education specialist, community health worker, medical and health services manager, office manager, physician assistant, social services director and translator.

## Health sciences (healthy lifestyles and fitness science), BS

Provides you with training and course requirements to become a certified health and wellness coach and qualify for the National Consortium for Credentialing Health and Wellness Coaches certification exam. Students develop a strong background in preventive health care by taking courses in nutrition, exercise and wellness, and health sciences.

**Career opportunities** as a health coach, wellness coach, worksite wellness coach or corporate wellness director. A health coach works with individuals to develop health and wellness goals in order to sustain healthy behaviors and improve overall health.

## Kinesiology, BS

**4+1** This degree is available with an accelerated one-year master's degree program.

Addresses the study of human movement as it relates to physical activity, health, disease prevention and exercise. Optional 3-credit internship available. A.T. Still University reserves seven seats in its Doctor of Physical Therapy program for ASU kinesiology graduates.

**Pathway to** professional school (physical therapy, occupational therapy, dental or chiropractic) or graduate school for exercise physiology.

## Medical studies, BS

Integrates biomedical sciences, social sciences and health care courses to prepare you for medical or professional school. Includes up to 6 credits (270 hours) of clinical internships available at 200+ sites.

**Professional tracks include** dentistry, medicine (MD or DO), occupational therapy, optometry, pharmacy and physician assistant.

**Career opportunities** in community health, medical device or pharmaceutical sales and marketing, or as a project coordinator or research assistant.

**Pathway to** graduate or professional school for a career as a chiropractor, dentist, medical doctor (MD or DO), naturopathic doctor, optometrist, pharmacist, physician assistant, occupational therapist or podiatrist.

## Nutritional science, BS

Provides a strong foundation in nutrition, biological sciences, research methods, and prevention and treatment of chronic health issues. Choose from two tracks: integrative nutrition or nutrition research.

**Pathway to** professional school (dental or naturopathic medicine), nutrition research or graduate programs in nutrition.

## Population health, BS

Integrates the fields of public health and health care delivery to teach you about the complex systems that impact health. Learn how social determinants, access to care, decision-making, policy and infrastructure influence the health of defined groups, the roles of various stakeholders and how to work across systems to improve health.

**Career opportunities** as a health care data analyst, community health worker, program coordinator, population health specialist or social services director.

## Public health, BS

Focuses on preventing disease and injury by promoting healthy lifestyles. Public health organizations implement educational programs, develop policies, administer services, conduct research and regulate health systems to achieve these goals.

**Career opportunities** in public health departments (city, county, state, national and international levels), public health organizations (Centers for Disease Control and Prevention, World Health Organization, etc.) and health care agencies.

**Pathway to** graduate school (public health or health administration) or professional school.



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### Description

### Career and graduate school opportunities

## Science of health care delivery, BS **D** **4+1** This degree is available with an accelerated one-year master's degree program.

For students interested in health care administration and policy to improve health care delivery systems. Focuses on improving the quality of care patients receive while decreasing overall costs of health care. You will be prepared to tackle current issues facing U.S. and global health care systems and to implement change to improve health outcomes.

**Career opportunities** in health care management and leadership, health services research, process management or health administration and quality improvement. Students are prepared to become innovative leaders in health care administration and policy.

**Pathway to** graduate school for health administration.

## Speech and hearing science, BS **L** **O** **T** **4+1** This degree is available with an accelerated one-year master's degree program.

Prepares students with a broad understanding of the normal aspects of the communication process, including the anatomy and physiology of the hearing mechanism, speech, language and hearing science, and the human communication system. Option to add on the speech-language pathology assistant certificate.

**Career opportunities** as a speech-language pathology assistant, research assistant, hearing aid or cochlear implant representative, or support personnel in a rehabilitation or health facility.

**Pathway to** graduate school for speech-language pathology or audiology. Students who add the SLPA certificate are prepared to become a speech-language pathology assistant.

## Sports science and performance programming, BS **D**

Trains you to work with people whose objective is maximizing their performance potential in sports, combat or other tactical situations using supportive exercise and recovery programs. Graduates will be prepared to sit for the test to become a Certified Strength and Conditioning Specialist through the National Strength and Conditioning Association.

**Career opportunities** in sports performance training in high school, collegiate, professional and private sector markets. In addition, graduates are prepared for careers in tactical performance training with local, state and national governmental agencies including work with police, firefighters and military personnel.

## Transfer-specific degrees

The AAS to BAS transfer pathway program allows students who have an Associate of Applied Science degree from a regionally accredited community college to transfer their degree as a block of credit toward a Bachelor of Applied Science degree. **Students in Arizona** are encouraged to participate in the Maricopa to ASU Pathways Program, or MAPP, which helps community college students transition smoothly to ASU to earn their bachelor's degree. [admission.asu.edu/transfer](https://admission.asu.edu/transfer)

### Description

### Career and graduate school opportunities

## Applied science (food and nutrition entrepreneurship), BAS **D** **L** **O**

Complements an AAS degree in culinary science or hospitality management.

**Career opportunities** in advanced positions in the field you are already working in or plan to work in based on training acquired from an AAS degree.

## Applied science (health sciences), BAS **D** **L** **O** **P** **W** **Y**

Complements an allied health, health care administration or other health-related AAS degree.

**Career opportunities** in advanced positions in the field you are already working in or plan to work in based on training acquired from an AAS degree.

## Applied science (medical laboratory science), BAS **D**

This degree is a unique partnership between Phoenix College and ASU. Complete an AAS in medical laboratory science through Phoenix College and a BAS in medical laboratory science through ASU. All course work is offered at Phoenix College with some courses taught in a hybrid format or offered online.

**Career opportunities** as a medical laboratory scientist and clinical lab scientist, highly skilled professionals who perform analytical tests on blood, tissue and body fluids in order to provide laboratory information for the detection, diagnosis and treatment of human diseases.