



The information below can assist students in selecting the best Emphasis area suited for the career you seek in Medicine!

Careers in Medical Technology (Emphasis 1)

- Biotechnology
- Bioinformatics
- Blood Bank Technologist
- Big Data in Medicine
- Epidemiologist/Infection Control Agent
- Medical Informatics Specialist
- Medical/Health Science Writer
- Medical Illustrator
- Medical Lab Technician
- Medical Research
- Medical Cyber Security
- Medical Sales Representative
- Medical Marketing Representative
- Personal Medical Devices

Careers in Basic Medical Science (Emphasis 2)

- Healthcare Provider
- Medical School Preparation
- Pharmacy Professional School
- Dentistry Professional School
- Nursing Professional School
- Nurse Anesthetics Preparation
- Physician Assistant Professional School
- Personal Care Aides

Careers in Medicine and Society (Emphasis 3)

- Climate Change & Health
- Population Medicine & Management
- Hospital Counselor/Advisor
- Community Health Worker
- Global & U.S Medical/ Health Systems
- Healthcare Educator/Health Promoter
- School Health Educator
- Health Care Administrator
- Medical & Health Services Manager
- Medical Social Worker
- Public Health Professional
- Medical Community Counselor
- Medical Law & Regulations
- Health Disparities
- Rural Health Educator

Careers in Integrative and Practice- Focused Medicine (Emphasis 4)

- Integrative Medicine
- Substance Misuse in Maternal & Child
- Physiology of Mind-Body Interactions
- Mind-Body-Spirit Mental Health
- Arts and Community Intercultural Perspectives & Applications
- Physical Therapist Preparation
- Occupational Therapist

All emphasis areas above may meet prerequisites to apply for most of the following Medical Professional Programs;

- Dentistry
- Medicine
- Occupational Therapy
- Optometry
- Pharmacy
- Physical Therapy
- Physician Assistant
- Podiatry
- Nursing
- Veterinary Sciences
- Speech-Language Pathology & Audiology
- Public Health
- Nutrition & Dietetics
- Anesthesiology Assistant
- Chiropractic

Make sure you visit <https://explorehealthcareers.org> to explore all great health careers!

Resources for students seeking to enter Medical professional programs:

Quick facts about MD Programs:

<https://theacenter.arizona.edu/sites/default/files/Fact%20Sheet%20for%20MD%202021.pdf>

A-Center Quick Facts:

<https://theacenter.arizona.edu/sites/default/files/Fact%20Sheet%20for%20All%20Health%20Professions%202019%20Final%20Version.docx.pdf>

Anatomy of an Applicant: <https://students-residents.aamc.org/media/10606/download>

Core Competencies: <https://www.aamc.org/services/admissions-lifecycle/competencies-entering-medical-students>

A-Center Pre-Health Events: <https://theacenter.arizona.edu/pre-health/signature-events-programs>

MCAT Preparation Workshop: <https://arizona.app.box.com/v/MCATpreparation/file/868678946568>

Get to Know Faculty YouTube Video: https://www.youtube.com/watch?v=vwqHCl_1mtI

Personal Statement Video: <https://www.youtube.com/watch?v=-zbl-SIS-YY>

Interview Techniques Video: <https://www.youtube.com/watch?v=FjZGblhU8qw>

Earn your Bachelor of Science in Medicine at The University of Arizona

The UA BSMED is a new, four-year degree program designed and delivered as a collaboration between clinicians, basic scientists and humanists, with focus on clinical reasoning and case-based learning. The Program juxtaposes applied topics such as what it is to be a health care provider, clinical case analysis, medical ethics, professionalism, health care delivery to improve quality care, and hands-on experience through simulation, with topics in the human medical sciences, including advanced anatomical, biochemical, neurological, and physiological science, pathology of disease, mechanisms of treatment, and integrative therapies.

BSMED Versus an M.D.

Completion of the BSMED degree does not qualify graduates to be an M.D. or offer direct admissions to a professional medical or health related program

Learning Outcomes

Our overarching goal for the BSMED program are to graduate students who will have the ability to:

- demonstrate in-depth knowledge of the structure and function of the human body in health and disease including use of appropriate medical terminology, and apply this knowledge to evaluation of disease therapies
- demonstrate knowledge of the scope of medical device technology as well as the complex datasets generated and their application to the practice of precision medicine.
- describe social determinants of health including racial/ethnic disparities, and apply scientific evidence, best practices, and professional judgment to proposing strategies to mitigate negative impacts of social factors on health outcomes.
- understand professional and ethical responsibility in independent and/or multidisciplinary team settings.
- demonstrate skills needed to engage in life-long learning, including the ability to find and critically evaluate relevant information, and apply it to solving clinical problems.