

BSIS: Health Sciences

The Bachelor of Science in Integrated Studies: **Health Sciences** provides an academic foundation for students pursuing clinical or research careers in health care. The program includes courses that examine the foundational science for health care professionals. The program also addresses scientific, social, political, ethical and organizational issues in health care as well as implications for individual practice and public policy. The course work underscores the complex, interdisciplinary nature of health care today and the mandate for critical thinking, contextual understanding and ethical behavior across all related fields and careers.

The program equips students with an academic foundation for graduate or professional school or for work in a variety of health care professions, including (but not limited to) community health, public health, biomedical research, medicine, nursing, dentistry, and physical and occupational therapy.

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Degree Requirements

All School of Continuing & Professional Studies undergraduate students must satisfy the same general-education requirements (<http://bulletin.wustl.edu/undergrad/caps/bachelors/#degreerequirements>).

Students in BSIS programs must complete a certificate (<http://bulletin.wustl.edu/undergrad/caps/certificates/>), tailoring their degree to their educational and professional goals. Students in BSIS programs must also complete a Community Engagement course. A designated course in the Health Sciences program will fulfill this requirement.

Required courses: 26 units

Code	Title	Units
Psych 358	Health Psychology	3
Phil 233	Biomedical Ethics	3
HCARE 313	Introduction to Public Health	3
Bio 101	General Biology I (with Lab)	4
Bio 102	General Biology II (with Lab)	4
Bio 342	Introduction to Human Disease and its Scientific Basis	3
HCARE 103	Introduction to Health Professions	3
	Integrated Studies Capstone	3
Total Units		26

Electives: 9 units

Code	Title	Units
Chem 105	Introductory General Chemistry I PB	3
Chem 106	Introductory General Chemistry II PB	3
Chem 151	General Chemistry Laboratory I PB	2
Chem 152	General Chemistry Laboratory II PB	2
Chem 261	Organic Chemistry I with Lab PB	4
Chem 262	Organic Chemistry II w/ Lab PB	4
Phys 211	General Physics	4
Phys 212	General Physics II	4
Bio 322	Human Anatomy & Physiology I	4-5
or Bio 220	Anatomy and Physiology I	
Bio 323	Human Anatomy & Physiology II	4-5
or Bio 240	Anatomy and Physiology II	
Bio 431	Biology of Aging	3
Psych 322	Developmental Psychology	3
Psych 3200	Child Health Psychology	3
Psych 460	Behavioral Medicine	3
Anthro 387	Medical Anthropology	3
Bio 406	Introduction to Biochemistry	3

Note: At least 15 units in the field of study must be in upper-level (300-level or higher) courses.