

HEALTH SCIENCES

Designed for students who are fascinated by biology, passionate about people, and driven by purpose, this major connects rigorous science with the human side of health.

LUGANO, SWITZERLAND

FRANKLIN SWITZERLAND
U.S. UNIVERSITY & SWISS UNIVERSITY INSTITUTE

MAJOR OVERVIEW

The B.S. in Health Sciences is rooted in Franklin's signature strengths: interdisciplinary learning, international perspective, and experiential education. It brings together courses in biology, chemistry, psychology, public health, and environmental science, creating a foundation that is both scientifically rigorous and socially conscious.

YOUR DEGREE

A 120-CREDIT DEGREE DESIGNED AROUND YOUR INTERESTS

To earn a Bachelor's degree at Franklin, students must complete 120 credits across university-wide core requirements, major requirements, and elective courses. The curriculum combines a shared liberal arts foundation with specialized study in your chosen major, giving you both breadth and depth throughout your undergraduate experience.

CORE REQUIREMENTS

Courses and academic experiences shared by all Franklin students, designed to build essential skills and knowledge across disciplines.

MAJOR REQUIREMENTS

Courses specific to your chosen major, including foundational, required, and elective courses within the discipline

INTERDISCIPLINARY ELECTIVES

Courses selected from across Franklin's curriculum to explore additional interests and complement your major.

Shared by all Franklin students

66 CREDITS

CORE REQUIREMENTS	WHAT IT DEVELOPS
First-Year Seminar, 3 credits	Introduces students to Franklin's liberal arts approach and develops critical thinking, academic research, and communication skills.
Academic Travel, 12 credits	Connects classroom learning with experiential study across different cultural and geographic contexts.
Academic Writing, 12 credits	Develops written and oral communication skills for academic and professional contexts.
Global Responsibility, 18 credits	Examines intercultural competencies, international engagement, and social responsibility.
Modern Language, 15 credits	Builds language skills and cultural literacy, with a focus on Swiss languages.
Quantitative Literacy, 6 credits	Develops the ability to interpret, analyze, and communicate numerical information and data.

Please note: in some cases, courses may fulfill both a Core Requirement and a Major Requirement.

HEALTH SCIENCES REQUIREMENTS — 58 CREDITS

FOUNDATION COURSES — 26 credits

BIO 101	Introduction to Biology: Genetics, Evolution, and Ecology
BIO 101L	Laboratory to Introduction to Biology: Genetics, Evolution, and Ecology
BIO 102	Introduction to Biology: Cell and Animal Biology
BIO 102L	Laboratory to Introduction to Biology: Cell and Animal Biology
CHEM 101	General Chemistry I
CHEM 101L	Laboratory to General Chemistry I
CHEM 102	General Chemistry II
CHEM 102L	Laboratory to General Chemistry II
PHYS 101	Physics for the Health Sciences
PHYS 101L	Laboratory to Physics for the Health Sciences
PSY 100	Introduction to Psychology
SOC 100	Introduction to Sociology

REQUIRED COURSES — 20 credits

BIO 204	Human Anatomy and Physiology: A Biological and Environmental Perspective
BIO 330	Epidemiology, Disease and Public Health
CHEM 201	Organic Chemistry I
CHEM 201L	Laboratory to Organic Chemistry I
CHEM 202	Organic Chemistry II
CHEM 202L	Laboratory to Organic Chemistry II
CHEM 301	Biochemistry
ENV 240	Environment and Health

QUANTITATIVE SKILLS — 3 credits

MAT 200	Calculus

MAJOR ELECTIVES — 6 credits

Two of the following

BIO 498	Internship in Health Sciences
POL 302	Political Philosophy
PSY 201	Social Psychology
PSY 202	Developmental Psychology
PSY 203	Theories of Personality

PSY 207	Introduction to Psychiatry and Forensic Psychopathology
PSY 210	Cognitive Psychology
PSY 314	Clinical and Abnormal Psychology
PSY 315	Environmental Psychology

CAPSTONE COURSE — 3 credits

BIO 499	Senior Research Project in Health Sciences

CLICK HERE TO **LEARN MORE** ABOUT THE MAJOR

3-YEAR OPTION

This major is also available as a three-year accelerated bachelor's degree for students who qualify for advanced standing based on their high school academic credentials. Students admitted with 30 U.S. credits of advanced standing receive a head start on their university studies, allowing them to complete their degree in three years.

GET TO KNOW OUR FACULTY



PATRICK DELLA CROCE

Associate Professor and Program Director, Biology and Environmental Sciences



MARTINO ONGIS

Assistant Professor, Psychology



SILVIA PICCINELLI

Assistant Professor, Environmental Science



HEIDI TOIVONEN

Nora McNeely Hurley Assistant Professor, Psychology



L. MARTIN BULLOCK

Instructor, Chemistry

ACADEMIC TRAVEL

EXPERIENCE THE PLACES YOU STUDY

Academic Travel courses allow students to learn beyond the classroom by exploring real-world environments alongside knowledgeable and passionate professors, turning travel destinations into immersive, living classrooms.

EXPLORE SOME MAJOR-RELATED ACADEMIC TRAVELS



PSY 232T PSYCHOLOGY AND TECHNOLOGY: A TOUR IN FINLAND

Discover how technology shapes human behavior and how psychology can drive innovation in tools from apps to VR. Through visits to labs and tech hubs, explore emerging research, digital wellbeing, and the growing intersection between psychology, design, and technology.

PSY 208T PPSYCHOLOGY OF EMERGENCIES: STRESS, TRAUMA, AND CRISIS RESPONSE

Explore the psychology of emergencies and discover how people think, communicate, and make decisions under pressure. Through practical simulations and scenario-based activities, students examine stress, teamwork, leadership, risk communication, trauma, and resilience.





LEARN MORE ABOUT ACADEMIC TRAVEL AND EXPLORE OUR COURSES

WHY CHOOSE FRANKLIN?

Dual Accreditation
United States (MSCHE) & Switzerland* (AAQ)

Residential Campus
with 6 residence halls

350+ Students representing
55+ Countries
8K+ Alumni Community

Academic Travel
once a Semester for Experiential Learning

19 Majors
1 Master
(Master of Arts in Sustainability and Transformation)

Language
Programs fully taught in English

Small Class Sizes
with 16 students on average; 10:1 student-to-faculty ratio

Career-Ready Graduates
75% secure full-time employment within 6 months of graduating; 95% within 12 months



HOW TO APPLY

1. **Online Application**
   Apply online through our **website** or **Common App.**
2. **Academic Transcripts**
   Submit at least 3 years of High School transcripts.
3. **Personal Statement**
   Share what motivates you, the experiences that have shaped you, and the goals you hope to achieve.
4. **Recommendation Letter**
   The recommendation letter can come from a teacher, counselor, or other staff member who is well acquainted with your academic profile.
5. **English Proficiency (if required)**
   If your studies were not in English, submit a TOEFL, IELTS, or Duolingo.
6. **WELCOME TO FRANKLIN**

HAVE QUESTIONS?

Write to our counselors at **admissions@fus.edu** or visit **www.fus.edu**