

HEALTH SCIENCES FOR PRE-PROFESSIONALS MINOR

Program Requirements

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Minimum Requirements for Health Sciences for Pre-professionals Minor: 15 credits

Students must earn a C- grade or better in each course.

Code	Title	Credits
Health Sciences for Pre-professionals Minor Requirements		
Complete one of the following advisor-approved tracks:		15-29
Tracks		
	Pre-dental	
	Pre-medical	
	Pre-nursing	
	Pre-occupational Therapy	
	Pre-pharmacy	
	Pre-physical Therapy	
	Pre-physician Assistant	
	Pre-veterinary	
	Other Health Science	
Total Credits		15-29

The following tracks list the courses currently required or strongly recommended by post-baccalaureate professional schools in health fields. Please reference the UAF pre-health (<https://uaf.edu/prehealth/>) website and work closely with a designated pre-professional advisor (<https://uaf.edu/prehealth/get-in-touch/advising.php>) or interdisciplinary studies advisor (<https://uaf.edu/inds/>) for guidance and approved coursework for each minor. After meeting with a student and developing an academic plan, the advisor will submit a memo with an approved course list and total credits in the minor to the Office of the Registrar.

UAF pre-professional students should use these tracks as a reference, but prerequisite courses can vary from professional school to school even for the same professional degree type. The name of the track selected are listed in Degree Works, but they are not listed on students' transcripts; only the minor's title, *Health Sciences for Pre-Professionals* will be listed on students' transcripts.

Pre-professional courses that are meeting other UAF degree requirements don't need to be included in the minor but can be shared when allowed by the UAF Catalog. A maximum of 29 credits can be included in this minor. If more than 29 credits are needed to be included in the minor, students may work with their advisor to petition to use more than 29 credits. Another option for students who would like to include more than 29 credits in this minor, is declaring a second major. A pre-professional advisor can help you explore the best combination of major(s) and minor(s) to help you reach your goals.

TRACKS

Pre-dental

Code	Title	Credits
Dental school prerequisites:		15 or more

BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
CHEM F321	Organic Chemistry I	
CHEM F325	Organic Chemistry II	
PHYS F123X	College Physics I	
or PHYS F211X	General Physics I	
PHYS F124X	College Physics II	
or PHYS F212X	General Physics II	

Dental school recommendations:

BIOL F111X	Human Anatomy and Physiology I	
BIOL F112X	Human Anatomy and Physiology II	
BIOL F310	Animal Physiology	
CHEM F449	General Biochemistry: Metabolism	
MATH F251X	Calculus I	
or MATH F230X	Essential Calculus with Applications	
STAT F200X	Elementary Statistics	
or STAT F300	Statistics	

Advisor approved electives ¹

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Pre-medical

Code	Title	Credits
Medical school prerequisites:		15 or more

BIOL F111X	Human Anatomy and Physiology I	
BIOL F112X	Human Anatomy and Physiology II	
BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
CHEM F321	Organic Chemistry I	
CHEM F325	Organic Chemistry II	
CHEM F449	General Biochemistry: Metabolism	
PHYS F123X	College Physics I	
or PHYS F211X	General Physics I	
PHYS F124X	College Physics II	
or PHYS F212X	General Physics II	

Medical school recommendations:

MATH F251X	Calculus I	
or MATH F230X	Essential Calculus with Applications	
STAT F200X	Elementary Statistics	
or STAT F300	Statistics	
PSY F101X	Introduction to Psychology	

PSY F240	Psychology of Development
Advisor approved electives ¹	

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Pre-nursing

Code	Title	Credits
Nursing school prerequisites:		
BIOL F111X	Human Anatomy and Physiology I	15 or more
BIOL F112X	Human Anatomy and Physiology II	
BIOL F240X	Beginnings in Microbiology	
CHEM F103X	Introduction to General Chemistry	
CHEM F105X	General Chemistry I	
HLTH F203	Science of Nutrition	
or BIOL F120X	Introduction to Human Nutrition	
PSY F101X	Introduction to Psychology	
PSY F240	Psychology of Development	
STAT F200X	Elementary Statistics	
or STAT F300	Statistics	

Advisor approved electives ¹

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Pre-occupational Therapy

Code	Title	Credits
Occupational therapy school prerequisites:		
BIOL F111X	Human Anatomy and Physiology I	15 or more
BIOL F112X	Human Anatomy and Physiology II	
BIOL F240X	Beginnings in Microbiology	
ECON	Economics Course	
HLTH F100	Medical Terminology	
PSY F240	Psychology of Development (SOC/ ANTH::Sociology or anthropology course)	
PSY F345	Mental Health and Psychopathology	
SOC/ANTH	Sociology or anthropology course	
STAT F200X	Elementary Statistics	
or STAT F300	Statistics	

Occupational therapy school recommendations:

PHYS F123X	College Physics I
or PHYS F211X	General Physics I

Advisor approved electives ¹

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Pre-pharmacy

Code	Title	Credits	
Pharmacy school prerequisites:			
BIOL F115X	Fundamentals of Biology I	15 or more	
BIOL F116X	Fundamentals of Biology II		
CHEM F105X	General Chemistry I		
CHEM F106X	General Chemistry II		
MATH F251X	Calculus I		
or MATH F230X	Essential Calculus with Applications		
STAT F200X	Elementary Statistics		
or STAT F300	Statistics		
Pharmacy school recommendations:			
BIOL F111X	Human Anatomy and Physiology I		
BIOL F112X	Human Anatomy and Physiology II		
BIOL F342	Microbiology		
PHYS F123X	College Physics I		
or PHYS F211X	General Physics I		
PHYS F124X	College Physics II		
or PHYS F212X	General Physics II		
ECON	Economics course		

Advisor approved electives ¹

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Pre-physical Therapy

Code	Title	Credits
Physical Therapy school prerequisites:		
BIOL F111X	Human Anatomy and Physiology I	15 or more
BIOL F112X	Human Anatomy and Physiology II	
BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
PHYS F123X	College Physics I	
or PHYS F211X	General Physics I	
PHYS F124X	College Physics II	
or PHYS F212X	General Physics II	
STAT F200X	Elementary Statistics	
or STAT F300	Statistics	
PSY Course	Psychology/Behavioral Science course	

Advisor approved electives ¹

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Pre-physician Assistant

Code	Title	Credits
Physician assistant school prerequisites:		
		15 or more

BIOL F111X	Human Anatomy and Physiology I (Physician assistant school prerequisites:)
BIOL F112X	Human Anatomy and Physiology II
BIOL F115X	Fundamentals of Biology I
BIOL F116X	Fundamentals of Biology II
BIOL F342	Microbiology
CHEM F105X	General Chemistry I
STAT F200X or STAT F300	Elementary Statistics Statistics
Physician assistant school recommendations:	
BIOL F260	Principles of Genetics
CHEM F449	General Biochemistry: Metabolism
PSY/ANTH/SOC	Social science elective
Advisor approved electives ¹	

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Pre-veterinary

Code	Title	Credits
Veterinary school prerequisites:		15 or more
BIOL F115X	Fundamentals of Biology I	
BIOL F116X	Fundamentals of Biology II	
BIOL F260	Principles of Genetics	
CHEM F105X	General Chemistry I	
CHEM F106X	General Chemistry II	
CHEM F321	Organic Chemistry I	
CHEM F325	Organic Chemistry II	
CHEM F449	General Biochemistry: Metabolism	
PHYS F123X or PHYS F211X	College Physics I General Physics I	
PHYS F124X or PHYS F212X	College Physics II General Physics II	
MATH F251X or MATH F230X	Calculus I Essential Calculus with Applications	
STAT F200X or STAT F300	Elementary Statistics Statistics	
Veterinary school recommendations:		
BIOL F111X	Human Anatomy and Physiology I	
BIOL F112X	Human Anatomy and Physiology II	
BIOL F310	Animal Physiology	
BIOL F342	Microbiology	
PSY/ANTH/SOC	Social Science elective	
Advisor approved electives ¹		

¹ All minor electives must be approved by a pre-professional advisor listed on the UAF pre-health website or on the Undergraduate Interdisciplinary Studies website (<https://uaf.edu/inds/>).

Other Health Science

Other Health Science - If seeking another health profession other than the tracks listed, meet with a UAF pre-professional advisor to explore other health careers and the prerequisite courses that are needed for them.