

**Chart your path through
Seattle Central College . . .**

The Health Science Pathway

The field of Health Sciences offers many diverse opportunities for students who are interested in working in a health science field. There are careers for those who like to work primarily with other people and careers for those who like to work with tools and machines. There are also health careers for those who like to work with numbers and data, and careers for those who like to manage and lead. Whatever your specific area of interest, most health careers require highly investigative skills, including analyzing information, solving problems and critical thinking.

Seattle Central College offers a 1-year certificate program in **Ophthalmic Technician** and 2-year Associate of Applied Science degrees in **Biotechnology, Nursing, Opticianry, Respiratory Care** and **Surgical Technology**. Depending on articulated

agreements, these programs may or may not transfer to a baccalaureate degree program.

For students interested in pursuing a bachelor's degree, complete the Associate of Arts or Associate of Science transfer degree. Within the guidelines of the A.A. or A.S. degree, take specific pre-requisite courses to meet program admission requirements. By completing the courses listed below, you should be well prepared to apply to most universities in and out of Washington state.

Many health science programs are highly competitive; we recommend that you apply to more than one university for admission. Be sure to check the admission and graduation requirements of your transfer university, as requirements often change and programs may require specific courses not offered at community colleges.

PROGRAM	FOLLOW A.A. OR A.S. TRANSFER DEGREE and include prerequisite courses below:	TRANSFER COLLEGES
DENTAL HYGIENE	CHE 101 Chemistry CHE 102 Chemistry BIO 201 College Biology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II BIO 280 Microbiology CMN 135 Effective Presentations PSY 110 General Psychology NTR 150 Nutrition	Eastern Washington U.
DIAGNOSTIC ULTRASOUND	BIO 201 College Biology PHY 101 General Physics I PHY 102 General Physics II MAT 116, 117 Applications of Math & Elements of Calculus -OR- MAT 124, 125 Calculus ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	Seattle University
HEALTH SCIENCE	BIO 201 College Biology BIO 202 College Biology CMN 135 Effective Presentations ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	Eastern Washington U.
MEDICAL TECHNOLOGY	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab BIO 201 College Biology BIO 202 College Biology BIO 280 Microbiology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II MAT 109 Statistics -OR- MAT 124 Calculus	Central Washington U. Seattle University University of Washington

NURSING	CHE 101 Chemistry CHE 102 Chemistry BIO 201 College Biology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology I SOC 110 Survey of Sociology -OR- SOC 270 Social Problems BIO 280 Microbiology PSY 110 General Psychology PSY 206 Developmental Psych NTR 150 Nutrition MAT 109 Statistics	Eastern Washington U. Pacific Lutheran U. Seattle Pacific U. Seattle University University of Washington Washington State U. Intercollegiate Center for Nursing Education
NURSING COMPLETION PROGRAMS	Complete Community College Associate Degree in Nursing + MAT 109 Statistics and Foreign Language Admission Requirements for UW.	Gonzaga Univ. Pacific Lutheran U. UW Bothell, UW Tacoma Seattle Pacific University Seattle University Intercollegiate Center for Nursing Education
NUTRITION and DIETETICS	CHE 101 General Chemistry CHE 102 Chemistry BIO 201 College Biology BIO 280 Microbiology NTR 150 Nutrition ACC 210 Financial Accounting MAT 116 Applications of Math MAT 109 Statistics ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	Bastyr Central Washington U. Seattle Pacific U. Washington State U.
OCCUPATIONAL THERAPY	CHE 101 Chemistry -OR- CHE 140 General Chem. PHY 101 General Physics I MAT 109 Statistics BIO 201 College Biology PSY 206 Developmental Psych PSY 215 Abnormal Psych SOC 110 Survey of Sociology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	University of Puget Sound
ORIENTAL MEDICINE	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry MAT 116 Applications of Math PSY 110 General Psychology CMN 135 Effective Presentations BIO 201 College Biology	Bastyr
PHYSICIAN'S ASSISTANT	BIO 201 College Biology Additional English course RECOMMENDED: CHE 101 Chemistry -OR- CHE 140 General Chemistry ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	University of Washington
PROSTHETICS and ORTHOTICS	BIO 201 College Biology BIO 202 College Biology -OR- BIO 280 Microbiology PSY 110 General Psych PHY 101 General Physics I PHY 102 General Physics II ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	University of Washington
SPEECH and HEARING SCIENCES	BIO 201 College Biology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II PSY 110 General Psychology PSY 206 Developmental Psychology PSY 215 Abnormal Psychology MAT 122/123 Pre-Calculus MAT 109 Statistics PHY 101 General Physics I	University of Washington Washington State U. Western Washington U.
SPORTS MEDICINE	BIO 201 College Biology BIO 202 College Biology BIO 203 College Biology CHE 140 General Chemistry PHY 101 General Physics I PHY 102 General Physics II ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	Eastern Washington U. University of Puget Sound Whitworth College

Health Science Transfer Pathway: **GRADUATE DEGREES**

PROGRAMS	SEATTLE CENTRAL'S TRANSFER CURRICULUM	TRANSFER UNIVERSITY	
ACUPUNCTURE	CHE 140 General Chemistry CHE 150 General Chemistry MAT 116 Appl. of Math -OR- higher Math class	PSY 110 General Psychology BIO 201 College Biology	Bastyr – Master of Science
DENTISTRY	CHE 140 General Chemistry CHE 150 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab BIO 201 College Biology	BIO 202 College Biology BIO 203 College Biology BIO 280 Microbiology PHY 101 General Physics I PHY 102 General Physics II PHY 103 General Physics III	University of Washington - Doctor of Dental Surgery
NATUROPATHIC MEDICINE	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab	BIO 201 College Biology OR ANP 213 Anatomy & Physiology I PHY 101 General Physics I MAT 116 Applications of Math MAT 117 Elements of Calculus MAT 109 Statistics PSY 110 General Psychology PSY 206 Developmental Psych	Bastyr – Doctor of Naturopathic Medicine
OCCUPATIONAL THERAPY	CHE 101 Chemistry -OR- CHE 140 General Chemistry BIO 201 College Biology ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II	SOC 110 Survey of Sociology PSY 206 Developmental Psych PSY 215 Abnormal Psychology PHY 101 General Physics I MAT 109 Statistics	University of Puget Sound- B.S. and Master of Science University of Washington – Master of Science
PHARMACY	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab	CHE 236 Organic Chemistry BIO 201 College Biology BIO 202 College Biology BIO 203 College Biology BIO 280 Microbiology MAT 117 Elements of Calculus -OR- MAT 124 Calculus MAT 109 Statistics	Washington State University University of Washington Pharm.D. program
PHYSICAL THERAPY	CHE 140 General Chemistry CHE 150 General Chemistry ANP 213 Anatomy & Physiology I ANP 214 Anatomy & Physiology II BIO 201 College Biology BIO 280 Microbiology	PHY 101 General Physics I PHY 102 General Physics II MAT 109 Statistics PSY 110 General Psychology PSY 215 Abnormal Psychology PSY 210 Personality PSY 230 Human Sexuality	Eastern Washington U. University of Puget Sound University of Washington Master of Science
MEDICINE	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab CHE 236 Organic Chemistry PHY 101, 102, 103 General Physics	BIO 201 & 202 College Biology -OR- ANP 213 & 214 Anatomy & Physiology I & II BIO 203 College Biology -OR- BIO 280 Microbiology MAT 122/123 Pre-Calculus ALSO RECOMMENDED: MAT 117 -OR- MAT 124	University of Washington Medical Doctor
VETERINARY MEDICINE	CHE 140 General Chemistry CHE 150 General Chemistry CHE 160 General Chemistry CHE 231 Organic Chemistry/ CHE 238 Lab CHE 235 Organic Chemistry/ CHE 239 Lab CHE 236 Organic Chemistry	BIO 201 College Biology BIO 202 College Biology BIO 203 College Biology BIO 280 Microbiology PHY 101 General Physics I PHY 102 General Physics II MAT 122/123 Pre-Calculus	Washington State University Doctor of Veterinary Medicine
ADVANCED REGISTERED NURSE PRACTITIONER	Community College Associate degree in Nursing + Bachelor's degree in any field		University of Washington Seattle University Pacific Lutheran U. Master of Science in Nursing