

**Chart your path through  
Seattle Central Community 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 Community 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 AA or AS 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.

<b>PROGRAM</b>	<b>FOLLOW AA OR AS TRANSFER DEGREE and include prerequisite courses below:</b>	<b>TRANSFER COLLEGES</b>
<b>DENTAL HYGIENE</b>	CHEM& 121 Intro to Chemistry CHEM& 122 Intro to Org. Chem. BIOL& 211 College Biology BIOL& 241 Anatomy & Physiology I BIOL& 242 Anatomy & Physiology II BIOL& 260 Microbiology CMST& 220 Public Speaking PSYC& 100 General Psych. NTR 150 Nutrition	Eastern Washington U.
<b>DIAGNOSTIC ULTRASOUND</b>	BIOL& 211 Majors Cellular PHYS& 121 General Physics I PHYS& 122 General Physics II MATH 116, MATH& 148 Applications of Math & Business Calculus <b>-OR-</b> MATH& 151, 152 Calculus I & II BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	Seattle University
<b>HEALTH SCIENCE</b>	BIOL& 211 Majors Cellular BIOL& 212 Majors Animal CMST& 220 Public Speaking BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	Eastern Washington U.
<b>MEDICAL TECHNOLOGY</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III CHEM& 241 Organic Chemistry I CHEM& 251 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II BIOL& 211 Majors Cellular BIOL& 212 Majors Animal BIOL& 260 Microbiology BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II MATH 109 Elem. Statistics <b>-OR-</b> MATH& 151 Calculus	Central Washington U. Seattle University University of Washington

<b>NURSING</b>	CHEM& 121 Intro to Chemistry CHEM& 122 Intro to Org. Chem. BIOL& 211 Majors Cellular BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II SOC& 101 Survey of Sociology -OR- SOC& 201 Social Problems	BIOL& 260 Microbiology PSYC& 100 Gen. Psych. PSYC& 200 Lifespan Psych NTR 150 Nutrition MATH 109 Elem. Statistics	Eastern Washington U. Pacific Lutheran U. Seattle Pacific U. Seattle University University of Washington Washington State U. Intercollegiate Center for Nursing Education
<b>NURSING COMPLETION PROGRAMS</b>	Complete Community College Associate Degree in Nursing + MATH 109 Elementary 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
<b>NUTRITION and DIETETICS</b>	CHEM& 121 Intro to Chemistry CHEM& 122 Intro to Org. Chem. BIOL& 211 Majors Cellular BIOL& 260 Microbiology NTR 150 Nutrition	ACCT& 201 Accounting I MATH 116 Appl. of Math MATH 109 Elem. Statistics BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	Bastyr Central Washington U. Seattle Pacific U. Washington State U.
<b>OCCUPATIONAL THERAPY</b>	CHEM& 121 Intro to Chemistry (CHEM& 162 General Chem II) PHYS& 121 General Physics I MATH 109 Statistics BIOL& 211 Majors Cellular	PSYC& 200 Lifespan Psych PSYC& 220 Ab. Psych. SOC& 101 Survey of Soc. BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	University of Puget Sound
<b>TRADITIONAL MEDICINE</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III MATH 116 Applications of Math	PSYC& 100 Gen. Psych. CMST& 220 Public Speaking BIOL& 211 College Biology	Bastyr
<b>PHYSICIAN'S ASSISTANT</b>	BIOL& 211 Majors Cellular Additional English course RECOMMENDED: CHEM& 121 Intro to Chemistry -OR- CHEM& 161 Gen. Chem. I	BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	University of Washington
<b>PROSTHETICS and ORTHOTICS</b>	BIOL& 211 Majors Cellular BIOL& 212 Majors Animal -OR- BIOL& 260 Microbiology PSYC& 100 General Psych	PHYS& 121 Gen. Physics I PHYS& 122 Gen. Physics II BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	University of Washington
<b>SPEECH and HEARING SCIENCES</b>	BIOL& 211 Majors Cellular BIOL& 241 Anatomy & Phys I BIOL& 242 Anatomy & Phys PSYC& 100 General Psych PSYC& 200 Lifespan Psychology	PSYC& 220 Ab. Psych. MATH& 141/142 Pre-Calc. MATH 109 Elem. Statistics PHYS& 121 Gen. Physics I	University of Washington Washington State U. Western Washington U.
<b>SPORTS MEDICINE</b>	BIOL& 211 Majors Cellular BIOL& 212 Majors Animal BIOL& 213 Majors Plant CHEM& 161 General Chemistry I	PHYS& 122 Gen. Physics I PHYS& 123 Gen. Physics II BIOL& 241 Anat. & Phys. I BIOL& 242 Anat. & Phys. II	Eastern Washington U. University of Puget Sound Whitworth College

# Health Science Transfer Pathway: **GRADUATE DEGREES**

<b>PROGRAMS</b>	<b>SEATTLE CENTRAL'S TRANSFER CURRICULUM</b>		<b>TRANSFER UNIVERSITY</b>
<b>ACUPUNCTURE</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II MATH 116 Appl. of Math <b>-OR-</b> higher Math class	PSYC& 100 General Psychology BIOL& 211 Majors Cellular	Bastyr – Master of Science
<b>DENTISTRY</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 241 Organic Chemistry III CHEM& 251 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II BIOL& 211 Majors Cellular	BIOL& 212 Majors Animal BIOL& 213 Majors Plant BIOL& 260 Microbiology PHYS& 121 General Physics I PHYS& 122 General Physics II PHYS& 123 General Physics III	University of Washington - Doctor of Dental Surgery
<b>NATUROPATHIC MEDICINE</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III CHEM& 241 Organic Chemistry I CHEM& 251 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II	BIOL& 211 Majors Cellular OR BIOL& 241 Anat. & Phys. I PHYS& 121 General Physics I MATH 116 Applications of Math MATH& 148 Business Calculus MATH 109 Elem. Statistics PSYC& 100 General Psychology PSYC& 200 Lifespan Psych.	Bastyr – Doctor of Naturopathic Medicine
<b>OCCUPATIONAL THERAPY</b>	CHEM& 121 Intro to Chemistry <b>-OR-</b> CHEM& 161 General Chemistry I BIOL& 211 Majors Cellular BIOL& 241 Anatomy & Phys I BIOL& 242 Anatomy & Phys II	SOC& 101 Survey of Sociology PSYC& 200 Lifespan Psych. PSYC& 220 Abnormal Psych. PHYS& 121 General Physics I MATH 109 Elem. Statistics	University of Puget Sound- B.S. and Master of Science  University of Washington – Master of Science
<b>PHARMACY</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III CHEM& 241 Organic Chemistry I CHEM& 251 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II	CHEM& 243 Organic Chemistry III BIOL& 211 Majors Cellular BIOL& 212 Majors Animal BIOL& 213 Majors Plant BIOL& 260 Microbiology MATH& 148 Business Calculus <b>-OR-</b> MATH& 151 Calculus I MATH 109 Elem. Statistics	Washington State University University of Washington Pharm.D. program
<b>PHYSICAL THERAPY</b>	CHEM& 161 General Chemistry I CHEM& 161 General Chemistry II BIOL& 241 Anatomy & Physiology I BIOL& 241 Anatomy & Physiology II BIOL& 211 Majors Cellular BIOL& 260 Microbiology	PHYS& 121 General Physics I PHYS& 122 General Physics II MATH 109 Elem. Statistics PSYC& 100 General Psychology PSYC& 220 Abnormal Psych. PSYC 210 Personality PSYC 230 Human Sexuality	Eastern Washington U. University of Puget Sound University of Washington Master of Science
<b>MEDICINE</b>	CHEM& 161 General Chemistry I  CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III CHEM& 241 Organic Chemistry I CHEM& 151 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II CHEM& 243 Organic Chemistry III PHYS& 121, 122, 123 Gen. Physics	BIOL& 211 & 212 Majors Cellular & Animal <b>-OR-</b> BIOL& 241 & 242 Anat. & Phys I & II BIOL& 213 Majors Plant <b>-OR-</b> BIOL& 260 Microbiology MATH& 141 & 142 Pre-Calculus  ALSO RECOMMENDED: MATH& 148 <b>-OR-</b> MAT 151	University of Washington Medical Doctor
<b>VETERINARY MEDICINE</b>	CHEM& 161 General Chemistry I CHEM& 162 General Chemistry II CHEM& 163 General Chemistry III CHEM& 241 Organic Chemistry I CHEM& 251 Lab I CHEM& 242 Organic Chemistry II CHEM& 252 Lab II CHEM& 243 Organic Chemistry III	BIOL& 211 Majors Cellular BIOL& 212 Majors Animal BIOL& 213 Majors Plant BIOL& 260 Microbiology PHYS& 121 General Physics I PHYS& 122 General Physics II MATH& 141 & 142 Pre-Calculus	Washington State University Doctor of Veterinary Medicine
<b>ADVANCED REGISTERED NURSE PRACTITIONER</b>	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