



RADIOLOGIC TECHNOLOGY / ULTRASOUND TECHNOLOGY—Major Steps

Disclaimer: "Every effort had been made to provide current, accurate publication content. Students should seek additional information from HCC and university advisors."

Thinking about a career in Radiology or Ultrasound Technology?

Radiologic Technologists create images of the inside of the body. The main types of procedures are x-ray fluoroscopy and sonogram. X-rays are pictures that show the bones of the body. Both fluoroscopy and sonograms show the soft tissues of the body. These last two procedures use sound, magnetic and radio waves to create images of the inside of the body. The images help doctors to identify and treat medical problems.

Radiologic technologists analyze the images. They consult with doctors about what the images might mean.

Medical Sonographers use sound waves to see inside a patient’s body. They examine blood, organs and tissue, in addition to fetuses in the womb. Using this technology medical sonographers operate transducers that send out sound waves. These, in turn project an image on a screen. The term most people use to describe this process is “ultrasound.”

Radiological technologist and medical sonographers must know how to communicate well with patients and with the health care team. They should also have good reasoning and problem solving skills. They should feel comfortable with the handling of equipment. In addition, perception and visualization skills are essential to the success of this career field-the technologist has to be able to identify and compare patterns associated with images.

In Washington, the average entry level wage for radiologic technologists is \$21.45 per hour (\$3,718 per month).

Source: Washington Occupation Information System (WOIS), www.wois.org

Working with your faculty advisor

Working with a faculty advisor can be an invaluable resource for you. Your faculty advisor can provide you with information about class selection and sequencing and how to be prepared for competitive admission. A faculty advisor can also write letters of recommendation and support for scholarships.

To request a faculty advisor, go to: www.highline.edu/stuserv/edplanning/request.advisor.htm or stop by the Educational Planning and Advising Center in Building 6. For our hours of operation, go to: www.highline.edu/stuserv/edplanning/

Interested in exploring more about a career in pharmacy? Call for an appointment with a Highline Community College counselor at (206) 878-3710, ext. 3353.

- While in High School:**
- ◆ Enroll in Advanced Algebra. Pre-Calculus recommended
 - ◆ Two or more years of foreign language
 - ◆ Four Years of English. Develop strong writing skills
 - ◆ Biology, Chemistry, Physics and Calculus classes
 - ◆ Computer classes particularly Word and Excell will be helpful

Washington Colleges Offering Radiology/Ultrasound Programs:

Note: These programs are generally considered to be competitive and selective for admission. Many of these colleges offer information or orientation sessions for prospective students. Be sure to attend a session so you will be knowledgeable about application deadlines, prerequisites courses, minimum GPA required health care experience and other admission requirements.

Radiologic Technology is offered at the following community colleges:

Bellevue College, Bellingham Technical College, Columbia Basin College, Spokane Community College, Tacoma Community College, Wenatchee Valley College, Yakima Valley Community College.

Diagnostic Ultrasound Technology / Medical Sonography is offered at the following colleges:

Bellevue College, Columbia Basin College (certificate only), Spokane Community College, Tacoma Community College.

Seattle University offers an undergraduate degree program in Diagnostic Ultrasound Technology.

Bellevue College offers the bachelor of applied science (BAS) degree program in radiation and imaging sciences for practicing professionals in these fields. To apply to this program, you must have already obtained an Associate degree in Ultrasound Technology.

Prerequisite Courses:

Note: All of the courses listed are Highline courses.

Remember: It is YOUR responsibility to double check with the colleges to verify all admission requirements, including prerequisite courses and application deadlines. Remember: This sheet is only a guide!

General Prerequisites for the: *Radiologic Technology, Ultrasound Program, Radiologic Science Program, Medical Sonography Program* and *Diagnostic Ultrasound Program* at Bellevue College, Tacoma Community College and Seattle University:

- ◆ BIOL& 160, BIOL&241, BIOL&242
- ◆ ENGL&101
- ◆ MATH 097
- ◆ For all other additional requirements, please go directly to the institution's program website! IT IS YOUR RESPONSIBILITY!

Listing of Radiologic & Ultrasound Programs Website:

Bellingham Technical College:

www.btc.ctc.edu/DegreesCertificates/Programs/PRG-ProgramMain.asp?Program=64

Bellevue College:

<http://bellevuecollege.edu/programs/degrees/proftech/ratec/>
<http://bellevuecollege.edu/programs/degrees/proftech/radon>
<http://bellevuecollege.edu/programs/degrees/proftech/dutec/>

Columbia Basin College:

www.cbc.ctc.edu/home/index.asp?page=660
www.cbc.ctc.edu/home/index.asp?page=1733

Seattle University:

www2.seattleu.edu/scieng/diagu/

Spokane Community College:

www.scc.spokane.edu/?dms
www.scc.spokane.edu/?rad

Tacoma Community College:

www.tacomacc.edu/academics/areasofstudy/diagnosticmedicasonography/
[http://www.tacomacc.edu/academics/areasofstudy/radiologic science/](http://www.tacomacc.edu/academics/areasofstudy/radiologicscience/)

Wenatchee Valley College:

www.wvc.edu/directory/departments/radtech/default.asp

Yakima Valley Community College:

www.yvcc.edu/programs/RadiologicScience/