

WEBER STATE UNIVERSITY
RADIOLOGIC SCIENCES
3925 UNIVERSITY CIRCLE
OGDEN UT 84408-3925

Dear Prospective **Radiologic Technology (Regional) Specialty** Student:

We are pleased to hear of your interest in pursuing Radiologic Technology as a career. To apply to the Weber State University Radiologic Technology Program, please do the following steps by the **May 1** deadline:

1. Complete four years of High School or it's equivalent;
2. Be a Registered or Board Eligible Radiologic Technologist (or have equivalent educational experience as determined and approved by the Weber State University Radiologic Sciences Program Director);
3. Submit official transcripts for all colleges/universities you have or are currently attending to the **Dr. Ezekiel R. Dumke College of Health Professions Office of Admissions and Counseling with your application.** A separate set of transcripts will need to be submitted with your application to the University Admissions office.
4. Complete the Specialty Program Application for Admission form enclosed.
5. **Submit a letter of intent from clinical site. This will start the affiliation agreement process.**
6. Be accepted as a student in good standing at Weber State University;
7. Submit **three** Personal Reference Forms (enclosed) with your completed application.

Applying to the Weber State University Radiography Program is competitive. The program usually receives two to three applications for every available position; therefore, be advised:

- A. It is **YOUR** responsibility to see that all of the above-listed materials have been received by the Dr. Ezekiel R. Dumke College of Health Professions Admissions and Counseling Office—files which are incomplete will not be reviewed;
- B. Demonstrate ability to achieve scholastically; The minimum prerequisite overall and basic science GPA is 2.5 and files which have GPA's below 2.5 will not be reviewed;
- C. Applicants with files which are not reviews for the above-listed reasons and who reapply the following year will not receive "re-applicant" status.
- D. Incomplete applications will be returned once student selection is complete.

Applicants will be notified by letter of their acceptance or non-acceptance into the Radiologic Technology Program by the end of Spring Semester.

Once an applicant has been accepted to the program, he/she will be required to successfully complete the background check and drug screening process at their own expense prior to the program start date. Individuals who have been convicted of, or plead guilty to, or plead nolo contendere to a crime which is either a felony or is a crime of moral turpitude should contact the Radiologic Sciences department prior to making application to determine eligibility for the American Registry of Radiologic Technologist Certification Examination.

Finally, please be advised that expenses will include tuition, textbooks, course modules, supplies, uniforms/lab coats and travel to clinical sites as well as Weber State University. The textbooks for the specialty areas are costly.

For more information, please contact the Dr. Ezekiel R. Dumke College of Health Professions Radiologic Sciences Department at (801) 626-6057 or the Admissions and Counseling Office at (801) 626-7136.

Thank you for your interest in the Weber State University Radiologic Technology Program.

NOTE: Successful completion of the program allows you the opportunity to apply for the National Certification examination.

RADIOLOGIC SCIENCES
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In January, 1889, Weber State University was first organized in downtown Ogden Utah as Weber Academy. At the time, it was owned by the Church of Jesus Christ of Latter-Day Saints; 117 years later, at a new location and now a state-owned school, the University has grown to be one of the best undergraduate schools in the State and Nation. At the present time there are approximately 18,000 full-time students who may choose from over 160 degree areas. Recognized as a leader in the areas of Allied Health Sciences, Technology, Education and Business, Weber State is competent in other aspects of academia. In January, 1991, Weber State College became **Weber State University**.

The Weber State Campus is located at the base of the Wasatch Mountains in Ogden Utah, 35 miles north of Salt Lake City. It is one of the most up-to-date schools in the Intermountain Region with 88% of its buildings constructed since 1960. The beautifully landscaped campus covers 400 acres and has a beauty all its own reflected both in the award winning landscape and in the 60 modern buildings. Construction of the Marriott Health building was completed in September, 1995. A highly competent faculty, combined with an extensive library and numerous ‘hands-on’ labs, give the students a chance at a first-rate education. Add to that a vast array of extra-curricular activities and you have a GREAT University;

The Weber State University Radiologic Sciences Cluster of Programs was the recipient of the 1990 Secretary of Education’s Award for Outstanding Vocational-Technical Education Programs.

Accreditation:

Weber State is a member of the American Council on Education and the American Association of State Colleges and Universities and is accredited by the Northwest Association of Schools and Colleges. Being an accredited institution allows the students to apply for federal student loans and grants.

Radiologic Sciences is a medical field that uses ionizing radiation, sound waves and magnetic fields to produce medical images for diagnostic purposes or to treat diseases by combining medical procedures with technology.

BACHELOR OF SCIENCE IN HEALTH SCIENCES

To obtain a baccalaureate degree, the student must complete the WSU General Education requirements, a major and a minor emphasis, a quality assurance course, and RADT SI4943, Baccalaureate Thesis (3) or equivalent.

A specific curriculum pattern can, with consultation, be tailored to the needs and interests of the student. Successful completion enables the student to graduate with a Bachelor’s Degree in Health Sciences.

SPECIALTY AREAS IN RADIOLOGIC SCIENCES

Advanced Radiography
Cardiovascular-Interventional Technology
Computed Tomography
Diagnostic Medical Sonography/Cardiac
Diagnostic Medical Sonography/Medical
Diagnostic Medical Sonography/Vascular
Magnetic Resonance Imaging
MRI/CT Combination

Mammography
Nuclear Medicine
Radiation Therapy
Quality Management
Women’s Imaging

Radiology Practitioner Assistant/Radiologist Assistant
(Requires three years experience as a RT)

Radiologic Sciences – <http://www.weber.edu/radsci1>

Address: 3025 University Circle, Ogden UT 84408-3925

Location: Marriott Health Building, Room 363

Department Telephone: (801) 626-6057

Toll Free Telephone: 1-800-848-7770, Option 2, Ext. 6057

Department Chairperson/Professor: Dr. Robert J. Walker

Professors: Wynn J. Harrison, Dr. Diane M. Kawamura

Associate Professors: Kathryn Oakley, M. Diane Newham

Assistant Professors: Terri Jurkiewicz, Rex Christensen

Instructor: Tanya Nolan

Department Secretary: Lori Frederiksen 626-6057

Continuing Education Manager: Cindy Esterholdt 626-6619

Admissions/Counseling: Lonny Lujan 626-7136

Doug Watson 626-6128

Advisement

Students should meet with the admissions counselor at least annually for course and program review. Call 626-7136 for more information or to schedule an appointment.

Admission Requirements

1. Be accepted to Weber State University.
2. Apply to the Radiography Program for acceptance and follow the procedures as outlined on the program application. The deadline date for applications to be received is January 10 of each year. Students selection is made during Spring semester and those accepted into the program will begin their professional phase of the curriculum in Fall Semester. Your major will be declared at the time you are accepted into one of the specialties.
3. Pay the \$25 program application fee by check or money order only—made out to Weber State University.
4. Submit all official College/University transcripts with your application.
5. The General Education requirements for the BS degree must be completed prior to completing the program requirements if you are on the Bachelor of Science tract.

Required courses for General Education are:

CORE REQUIREMENTS

1. **COMPOSITION** (6 credit hours) - **ENGL EN1010, Introductory College Writing**, and **ENGL EN2010, Intermediate College Writing**, (with a grade of C or above).

2. **AMERICAN INSTITUTIONS** (3 credit hours) - one of the following with a grade of C or above:

- a. **POLS AI1100, American National Government**, or **HIST AI1700, American Civilization**, or **ECON AI1740, Economic History of the United States**.
- b. For history majors: **HIST 2700, History of the United States to 1877**, *and* **HIST 2710, History of the United States since 1877**.
- c. Present advanced placement credit in American History, American Government or suitable transfer courses from other institutions.

3. **QUANTITATIVE LITERACY** (3-5 credit hours) - one of the following: *

- a. Completion of one of the following mathematics courses (with a grade of C or above): **MATH QL1030, Contemporary Mathematics**, or **MATH QL1040, Intro to Statistics**, or **MATH QL1050, College Algebra**, or **MATH QL1080, Pre-calculus**, or any math course with either **MATH QL1050** or **MATH QL1080** as a prerequisite.
- b. Completion of the three-credit **PHIL QL2200 Deductive Logic** course with a grade of C or above.
- c. A score of 70 or greater on the ACCUPLACER College Level Math exam.
- d. A score of 3 or higher on the AP Calculus or AP Statistics exam.

4. **COMPUTER & INFORMATION LITERACY** (2 to 5 credit hours) - Successful completion of approved four-part (**A, B, C, D**) requirement. Can be met by taking proficiency exams with a C- grade or better, courses with a C- grade or better, or a combination of the two.

Completion of one three-credit TBE TE1700 Intro to Microcomputer Applications course and/or one one-credit IST TE2010 Business Computer Skills will meet Parts A, B, and C of the requirement.

Part A. WORD PROCESSING - TBE TA1501 ½ credit exam or TBE TA1701 one-credit course, *Intro to Word Processing*.

Part B. OPERATING SYSTEMS, E-MAIL, AND ELECTRONIC PRESENTATIONS - TBE TB1502 ½ credit exam or TBE TB1702 one-credit course, *Intro to Microcomputers, E-mail, Operating Systems, and Electronic Presentations*.

Part C. SPREADSHEETS - TBE TC1503 ½ credit exam or TBE TC1703 one-credit course, *Intro to Spreadsheets*.

Part D. INFORMATION LITERACY (Library and Internet research skills) - TBE TD1504 ½ credit exam or either LIBS TD1704 one-credit online course *Information Navigator*; or ART/COMM/ENGL/FL/LIBS/THEA TD/HU1115 three-credit course *Humanities on the Internet: Culture, Content and Access*; or LIBS TD2201 two-credit course *Library Skills, Resources and Research*; or LIBS/BSAD TD2704 one-credit course *Information Resources in the Business Disciplines*; or LIBS TD2804 one-credit course *Information Resources in the Social Sciences*.

Exams are credit/no credit, courses vary.

BREADTH REQUIREMENTS

Courses selected to fulfill the following general education requirements must each be from a different program (e.g., have a different course abbreviation, with the exception of HNRS – Honors courses).

Humanities/Creative Arts

Associate of Arts, Associate of Science, Bachelor of Arts, Bachelor of Science, Bachelor of Music, Bachelor of Fine Arts, or Bachelor of Integrated Studies

Select nine (9) credit hours -- at least three (3) credit hours from Humanities and at least three (3) credit hours from Creative Arts.

Each course must be from a different program (e.g. have a different course abbreviation), with the exception of HNRS – Honors courses.

Associate of Applied Science

Select three (3) credit hours from Humanities or Creative Arts.

Groups - Humanities

Anthropology

- ANTH HU/DV1040 Language & Culture (3)

Art

- ART TD/HU1115* Humanities on the Internet (3)

Communication

- COMM HU1020 Principles of Public Speaking (3)
- COMM TD/HU1115* Humanities on the Internet (3)
- COMM HU2010 Mass Media & Society (3)
- COMM HU2110 Interpersonal & Small Group Communication (3)

Foreign Language

- FL HU1851 Study Abroad (3)
or FL HU2851 Study Abroad (3)
- FL HU2020 Foreign Language Second Year II (4)

Honors

- HNRS HU1540 Perspectives in the Humanities (3)
- HNRS HU2110 Intellectual Traditions:
Great Ideas of the West in the
Classical and Medieval Eras (3)
- HNRS HU2120 Intellectual Traditions:
Great Ideas of the West in the Modern Era (3)
- HNRS HU/DV2130 Intellectual Traditions:
Great Ideas of the East (3)

Library Science

- LIBS TD/HU1115* Humanities on the Internet (3)

Literature

- ENGL/FL TD/HU1115* Humanities on the Internet (3)
- ENGL HU/DV2200 Introduction to Literature (3)
- ENGL HU/DV2220 Introduction to Fiction (3)
- ENGL HU/DV2240 Introduction to Poetry (3)
- ENGL HU/DV2290 Introduction to Drama (3)
- ENGL HU/DV2510 Masterpieces of Literature (3)
- ENGL HU/DV2710 Perspectives in Women's Literature (3)
- ENGL HU3500 Introduction to Shakespeare (3)
- ENGL HU/DV3510 World Literature (3)
- ENGL HU3520 Literature of the Natural World (3)
- ENGL HU3750 Themes and Ideas in Literature (3)
- FL HU2600 Intro to Foreign Lit in Translation (3)

Music

- MUSC HU1043 Music, the Arts & Civilizations (3)

Philosophy

- PHIL HU1000 Intro to Philosophy (3)
- PHIL HU1120 Contemporary Moral Problems (3)

- PHIL HU1250 Critical Thinking (3)

Theatre

- THEA TD/HU1115* Humanities on the Internet (3)
- THEA HU3323 History and Literature of Contemporary Theatre (3)
* *TD/HU1115 is cross listed in Art, Communication, English, Foreign Languages & Literature, Library Science and Theatre.*

Groups - Creative Arts

Art

- ART CA1010 Intro to the Visual Arts (3)
- ART CA1030 Studio Art for the Non-Art Major (3)
- ARTH CA1090 Art & Architecture of the World: Paleolithic - AD 1000 (4)
- ARTH CA1100 Art & Architecture of the World: AD 1000 to Present (4)
Only one course from either ART or ARTH may be used to fulfill the Creative Arts general education requirement.

Dance

- DANC CA/DV1010 Intro to Dance (3)

Honors

- HNRS CA1530 Perspective in the Creative Arts (3)

Music

- MUSC CA1010 Intro to Music (3)
- MUSC CA1030 Introduction to Jazz (3)
- MUSC CA1033 Intro to American Music (3)
- MUSC CA/DV1040 Music of World Cultures (3)
- MUSC CA1063 Music in Religion (3)

Theatre

- THEA CA1013 Intro to Theatre/Survey of Theatre (3)
- THEA CA1023 Intro to Film (3)
- THEA CA1033 Acting I (3)
- THEA CA1043 Intro to American Music Theatre (3)

Social Sciences

Associate of Arts, Associate of Science, Bachelor of Arts, Bachelor of Science, Bachelor of Music, Bachelor of Fine Arts, or Bachelor of Integrated Studies

Select six (6) credit hours in addition to the American Institutions requirement.

Each course must be from a different program (e.g. have a different course abbreviation), with the exception of HNRS – Honors courses.

Groups - Social Sciences

Anthropology

- ANTH SS/DV1000 Intro to Anthropology (3)
- ANTH SS/DV2010 Peoples and Cultures of the World (3)

- ANTH SS2030 Principles of Archaeology (3)

Child and Family Studies

- CHF SS1500 Human Development (3)

Criminal Justice

- CJ SS1010 Introduction Criminal Justice (3)

Economics

- ECON SS1010 Economics as a Social Science (3)
- ECON SS1100 Environmental Issues & Economic Policy (3)
- ECON SS2010 Principles of Microeconomics (3)
- ECON SS2020 Principles of Macroeconomics (3)

Geography

- GEOG SS/DV1300 Places & Peoples of the World (3)
- GEOG SS/DV1520 Geography of the U.S. and Canada (3)

Gerontology

- GERT SS1010 Intro to Gerontology (3)

Health Education

- HLTH SS1030 Healthy Lifestyles (3)

History

- HIST SS1500 World History to 1500 C.E. (3)
- HIST SS/DV1510 World History from 1500 C.E. to the Present (3)

Honors

- HNRS SS1520 Perspectives in the Social Sciences (3)
- HNRS SS2110 Intellectual Traditions:
Great Ideas of the West in the
Classical and Medieval Eras (3)
- HNRS SS2120 Intellectual Traditions:
Great Ideas of the West in the Modern Era (3)
- HNRS SS/DV2130 Intellectual Traditions:
Great Ideas of the East (3)

Information Systems & Technologies

- IST SS1100 The Wired Society (3)

Political Science

- POLS SS2100 Intro to International Politics (3)
- POLS SS2200 Intro to Comparative Politics (3)
- POLS SS2300 Intro to Political Theory (3)

Psychology

- PSY SS1010 Introductory Psychology (3)
- PSY SS2000 Interpersonal Relationships (3)

Social Work

- SW SS1010 Intro to Generalist Social Work (3)

Sociology

- SOC SS/DV1010 Introduction to Sociology (3)
- SOC SS/DV1020 Social Problems (3)

Women's Studies

- WS SS/DV1500 Intro to Women's Studies (3)

Physical & Life Sciences

Associate of Arts, Associate of Science, Bachelor of Arts, Bachelor of Science, Bachelor of Music, Bachelor of Fine Arts, or Bachelor of Integrated Studies

Select nine (9) credit hours -- at least three (3) credit hours

from Physical Sciences and at least three (3) credit hours from Life Sciences.

Each course must be from a different program (e.g. have a different course abbreviation), with the exception of HNRS – Honors courses.

Groups - Physical Sciences

Chemistry

- CHEM PS1010 Introductory Chemistry (3)
- CHEM PS/SI1050 Intro to General, Organic & Biochemistry (5)
- CHEM PS/SI1110 Elementary Chemistry (5)
- CHEM PS/SI1210 Principles of Chemistry (5)
- CHEM PS/SI1360* Principles of Physical Science (3)

Geography**

- GEOG PS/SI1000 Natural Environments of the Earth (3)

Geosciences**

- GEO PS1020 Dinosaurs and the Fossil Record (3)
- GEO PS/SI1030 Earthquakes and Volcanoes (3)
- GEO PS1060 Environmental Geosciences (3)
- GEO PS/SI1110 Dynamic Earth: Physical Geology (3)
- GEO PS/SI1130 Intro to Meteorology (3)
- GEO PS/SI1350 Principles of Earth Science (3)

Honors

- HNRS PS/SI1500 Perspectives in the Physical Sciences (3)

Physics

- PHYS PS/SI1010 Elementary Physics (3)
- PHYS PS/SI1040 Elementary Astronomy (3)
- PHYS PS/SI1360* Principles of Physical Science (3)
- PHYS PS/SI2010 College Physics I (5)
- PHYS PS/SI2210 Physics for Scientists & Engineers I (5)
* *PS/SI1360 is cross listed in Chemistry and Physics.*
** *Only one course from either the Geography (GEOG) or the Geosciences (GEO) areas in the above list may be used to fulfill the Physical Sciences general education requirement.*

Groups - Life Sciences

Anthropology

- ANTH LS/DV1020 Biological Anthropology (3)

Botany

- BTNY LS1203 Plant Biology (3)
- BTNY LS1303 Plants in Human Affairs (3)
- BTNY LS/SI1370* Principles of Life Science (3)
- BTNY LS1403 Environment Appreciation (3-4)

Health Education

- HLTH LS1020** Foundations in Nutrition (3)

Health Science

- HTHS LS1110 Biomedical Core Lecture/Lab (4)

Honors

- HNRS LS1510 Perspectives in the Life Sciences (3)

Microbiology

- MICR LS1113 Introductory Microbiology (3)
- MICR LS1153 Elementary Public Health (3)
- MICR LS/SI1370* Principles of Life Science (3)
- MICR LS/SI2054 Principles of Microbiology (4)

Nutrition

- NUTR LS1020** Foundations in Nutrition (3)

Zoology

- ZOOL LS1010 Animal Biology (3)
- ZOOL LS1020 Human Biology (3)
- ZOOL LS/SI1370* Principles of Life Science (3)
* *LS/SI1370 is cross listed in Botany, Microbiology and Zoology.*
** *LS1020 is cross listed in Health and Nutrition.*

If you are looking for excellent courses that will help you as a health care provider, you might consider the following non-general education courses:

ANTHRO 2000 PEOPLE AND CULTURES OF THE WORLD (3)

GERONT 1010 INTRO TO GERONTOLOGY (3)

CHFAM 1500 HUMAN DEVELOPMENT (3)

GERONT 3000 DEATH AND DYING (3)

GERONT 3120 AGING: ADAPT AND BEHAVIOR (3)

GERONT 3320 SPECIAL PROBLEMS (3)

GERONT 4220 SOCIETAL RESPONSES TO AGING (3)

PSYCH 3000 CHILD PSYCHOLOGY (3)

PSYCH 3010 ABNORMAL PSYCHOLOGY (3)

PSYCH 3140 ADOLESCENT/ADULT PSYCH (3)

For current program curriculum refer to <http://weber.edu/radsci>. Curriculum courses and sequence may be subject to change.