

RADIOLOGIC SCIENCES (BS), ONLINE RT TO BSRT

The Department of Radiologic Sciences offers **Registered Radiographers** the opportunity to complete online advanced imaging modality courses in computed tomography (CT) and courses in radiology administration in order to obtain a Bachelor's Degree in Radiologic Sciences.

The online computed tomography and radiology administration degree program is designed for:

- Registered Radiographers without a baccalaureate degree who are searching for an online B.S. in Radiologic Sciences program.
- Registered Radiographers who have a baccalaureate degree in a major other than Radiologic Sciences, but seek a second baccalaureate degree in Radiologic Sciences that is completely online.

The professional component consists of 1 semester of a bridge course (Summer) and 3 semesters (Fall, Spring, and Summer) of virtual didactic study in Radiologic Sciences. Students must complete the 6-hour bridge course (RAD 491) before enrolling in the professional component. Upon successful completion of the bridge course, 38 semester hours of upper level credit (i.e. credit for the first professional year of the Radiologic Sciences program) will be awarded for the student's previous radiography training. Note: The bridge course is offered once each year during the summer semester. Therefore, students should plan to complete the bridge during the summer prior to their enrollment in the fall semester.

Professional Component Hours

Bridge Course - 6 semester hours

Second Professional Year - 26 semester hours

Certification

Students completing the didactic component of this track will meet the structured education requirements for the American Registry of Radiologic Technologists (ARRT) for computed tomography (CT).

Degree Requirements

Course	Title	Hours
First Year		
Summer		
RAD 491	Prof. Radiological Practice	6
Hours		6
Second Year		
Fall		
RAD 432	Healthcare Human Resource Mgmt	3
RAD 433	Health Care Financial Mgmt	3
RAD 426	CT Phys Princ and Qual Cont	3
Hours		9
Spring		
RAD 496	Radiologic Sci Research I-W	1
RAD 435	Health Care Operations Mgt - W	3
RAD 430	Healthcare Communication	3
RAD 428	Computed Tomography Procedures	3
Hours		10
Summer		
RAD 497	Rad Science Research II	1

EMS 340	Disaster Mgt & Event Planning	3
RAD 429	Adv Sect Imag - CT and MRI Pth	3
Hours		7
Total Hours		32

General Education Requirements

Code	Title	Hours
General Education Requirements		
Area 1 - Written Composition		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3
Area II - Humanities & Fine Arts		
A. Complete the following:		
CA 110	Public Speaking	3
B. Select one of the following:		3
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
C. Select one of the following:		3
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
MUL 101	Introduction to Music	
D. Select one of the following:		3
AFR 101	Intro to African Amer Studies	
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARH 203	Survey of Non-Western Art	
CLA 110	Intro Anc Greek Roman Culture	
DRA 110	Introduction to Theatre	
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
LG 101	Introductory Latin I	
LG 102	Introductory Latin II	
LG 111	Introductory French I	
LG 112	Introductory French II	
LG 122	Introductory Chinese II	
LG 131	Introductory Spanish I	
LG 132	Introductory Spanish II	
LG 141	Intro Classical Greek I	
LG 142	Intro Classical Greek II	

LG 151	Introductory German I
LG 152	Introductory German II
LG 153	Accelerated Intro German
LG 171	Introductory Russian I
LG 172	Introductory Russian II
LG 173	Accelerated Intro Russian
LG 201	Intermediate Latin I
LG 202	Intermediate Latin II
LG 211	Intermediate French I
LG 212	Intermediate French II
LG 213	Accelerated Inter French - H
LG 221	Intermediate Chinese I
LG 222	Intermediate Chinese II
LG 231	Intermediate Spanish I
LG 232	Intermediate Spanish II
LG 234	Inter Spanish Accel -H
LG 241	Inter Classical Greek I
LG 242	Inter Classical Greek II
LG 251	Intermediate German I
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

Area III - Natural Sciences & Mathematics**A Select 3-4 hours from the following: 3**

MA 112	Precalculus Algebra
MA 113	Precalculus Trigonometry
MA 115	Precal Algebra-Trigonometry
MA 120	Calculus and Its Applications

MA 125	Calculus I
MA 126	Calculus II
MA 227	Calculus III
MA 237	Linear Algebra I
MA 238	Differential Equations I

B. Complete the following:

BLY 101	Life Science I	4
& 101L	and Life Science I Laboratory	
or BLY 121	General Biology I	
& 121L	and General Biology I Lab	

C. Select one of the following: 4

BLY 102	Life Science II
& 102L	and Life Science II Lab
or BLY 122	General Biology II
& 122L	and General Biology II Laboratory
CH 101	Survey of Inorg and Org Chem
& 101L	and Survey Inorg-Org Chem Lab
CH 131	General Chemistry I
& 131L	and General Chemistry I Lab
CH 132	General Chemistry II
& 132L	and General Chemistry II Lab

Area IV - History, Social & Behavioral Sciences**A. Complete the following:**

PSY 120	Introduction to Psychology	3
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B. Select one of the following: 3

HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877

C. Select two of the following: 6

AN 100	Intro to Cultural Anthropology
AN 101	Intro Archaeology-Bio Anthro
CA 100	Intro to Communication
CA 211	Interpersonal Comm
ECO 215	Prin of Microeconomics
ECO 216	Prin of Macroeconomics
GEO 114	People, Places, Environment
GEO 115	World Regional Geography
GS 101	Intro to Gender Studies
HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II
HY 135	US History to 1877
HY 136	US History since 1877
IS 100	Global Issues
IST 201	Seasons of Life
NAS 101	Intro Native American Studies
PSC 130	Intro to US Government
PSY 250	Life Span Development
SY 109	Introductory Sociology
SY 112	Social Problems

Area V - Pre-Professional Required Courses**A. Complete the following:**

BMD 251	Human Anatomy & Physiology I	4
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BMD 252	Human Anatomy & Physiology II	4
B. Select 4-5 hours from the following :		4-5
PH 104 & 104L	Concepts of Physics and Concepts of Physics Laboratory	
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab	
C. Select one of the following:		3
BUS 245	Data Analytics I	
ST 210	Stat Reason and Application	
ST 305	Applied Stat Health Sciences	
Total Hours		56-57

Footnote

Students must complete a 6 credit hour sequence either in literature (Area II- EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV - HY 101 & HY 102 or HY 135 & HY 136)

All undergraduates must complete two designated writing credit (W) courses, at least one of which must be in the student's major or minor.