

RADIOLOGIC SCIENCES (BS) - RADIATION THERAPY

Degree Requirements

| Code | Title | Hours |
|--|--|----------------|
| General Education Requirements | | |
| Select General Education Requirements (p. 1) | | 59-60 |
| Major Requirements (67-81 Hours) | | |
| <i>Radiologic Science -First Year Professional Component (13 Courses,37 Hours)</i> | | |
| A. Fall - Complete the following: | | |
| RAD 300 | Clinical Education I | 2 |
| RAD 304 | Patient Care & Ethics | 3 |
| RAD 307 | Osseous I | 4 |
| RAD 310 | Radiation Biology | 2 |
| RAD 312 | Princ of Radiographic Exposure | 4 |
| B. Spring - Complete the following: | | |
| RAD 301 | Clinical Education II | 4 |
| RAD 308 | Osseous II | 4 |
| RAD 315 | Contrast Media | 3 |
| RAD 318 | Radiologic Physics | 4 |
| RAD 335 | Pediatric-Geriatric Rad | 1 |
| C. Summer - Complete the following: | | |
| RAD 302 | Clinical Ed III | 4 |
| RAD 320 | Cross-Sectional Anatomy | 2 |
| RAD 415 | Diagnostic Imaging | 2 |
| <i>Radiologic Sciences -Second Year Professional Component (35-36 Hours)</i> | | |
| <i>Track 3: Radiation Therapy Only</i> | | 44 |
| A. Fall - Complete the following: | | |
| RAD 441 | Clinical Education I | |
| RAD 448 | Radiation Therapy Physics | |
| RAD 446 | Orientation to Oncology - W | |
| RAD 450 | Patient Care in Oncology | |
| RAD 452 | Prin Pract of Rad Oncology I | |
| B. Spring - Complete the following: | | |
| RAD 442 | Clinical Education II | |
| RAD 455 | Dosimetry and Tx Planning I | |
| RAD 453 | Prin Prac of Rad Oncology II | |
| RAD 458 | Cancer Mgt in Oncology - W | |
| RAD 496 | Radiologic Sci Research I-W | |
| C. Summer - Complete the following: | | |
| RAD 443 | Clinical Education III | |
| RAD 456 | Dosimetry and Tx Planning II | |
| RAD 454 | Quality Mgt In Rad Oncology | |
| RAD 497 | Rad Science Research II | |
| RAD 320 | Cross-Sectional Anatomy (see footnote table below (p. 1)) ² | |
| Minor Requirements | | |
| A minor is not required for this degree program | | 0 |
| Total Hours | | 142-143 |

Footnote

- ¹ Students who choose to complete Track 1 (Radiography to include one advanced modality) will be eligible to apply for continuation in the program to study any additional modality to include ultrasound and radiation therapy in a non-degree seeking student status. Please note that non-degree seeking students are not eligible for federal financial aid.
- ² RAD 320 and RAD 411 required if not previously completed.

General Education Requirements

| Code | Title | Hours |
|--|-------------------------------|-------|
| Area I - 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: (http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/) ¹ | | |
| 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: | | |
| 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 three hours from the following: | | |
| AFR 101 | Intro to African Amer Studies | 3 |
| ARH 100 | Survey of Art | |
| ARH 103 | Art History I | |
| ARH 123 | Art History II | |
| ARH 203 | Survey of Non-Western Art | |
| ARS 101 | Art Appreciation | |
| 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 | |

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| LG 112 | Introductory French II | REL 200 | Old Testament/Hebrew Bible |
| LG 121 | Introductory Chinese I | REL 201 | Survey of the New Testament |
| LG 122 | Introductory Chinese II | Area III – Natural Sciences & Mathematics | |
| LG 131 | Introductory Spanish I | A. Select 3-4 hours from the following: 3 | |
| LG 132 | Introductory Spanish II | MA 112 | Precalculus Algebra |
| LG 141 | Intro Classical Greek I | MA 113 | Precalculus Trigonometry |
| LG 142 | Intro Classical Greek II | MA 115 | Precal Algebra-Trigonometry |
| LG 151 | Introductory German I | MA 120 | Calculus and Its Applications |
| LG 152 | Introductory German II | MA 125 | Calculus I |
| LG 153 | Accelerated Intro German | MA 126 | Calculus II |
| LG 171 | Introductory Russian I | MA 227 | Calculus III |
| LG 172 | Introductory Russian II | MA 237 | Linear Algebra I |
| LG 173 | Accelerated Intro Russian | MA 238 | Differential Equations I |
| LG 201 | Intermediate Latin I | B. Complete the following: | |
| LG 202 | Intermediate Latin II | BLY 101 | Life Science I |
| LG 211 | Intermediate French I | & 101L | and Life Science I Laboratory |
| LG 212 | Intermediate French II | or BLY 121 | General Biology I |
| LG 213 | Accelerated Inter French - H | & 121L | and General Biology I Lab |
| LG 221 | Intermediate Chinese I | C. Select one of the following: 4 | |
| LG 222 | Intermediate Chinese II | BLY 102 | Life Science II |
| LG 231 | Intermediate Spanish I | & 102L | and Life Science II Lab |
| LG 232 | Intermediate Spanish II | or BLY 122 | General Biology II |
| LG 234 | Inter Spanish Accel -H | & 122L | and General Biology II Laboratory |
| LG 241 | Interm Classical Greek I | CH 101 | Survey of Inorg and Org Chem |
| LG 242 | Interm Classical Greek II | & 101L | and Survey Inorg-Org Chem Lab |
| LG 251 | Intermediate German I | CH 131 | General Chemistry I |
| LG 252 | Intermediate German II | & 131L | and General Chemistry I Lab |
| LG 271 | Intermediate Russian I | CH 132 | General Chemistry II |
| LG 272 | Intermediate Russian II | & 132L | and General Chemistry II Lab |
| LG 273 | Intensive Second Year Russian | Area IV – History, Social & Behavioral Sciences (http://bulletin.southalabama.edu/programs-az/allied-health/radiologic-sciences/footnote2/)¹ | |
| LGS 101 | Introductory Japanese I | A. Complete the following: | |
| LGS 102 | Introductory Japanese II | PSY 120 | Introduction to Psychology 3 |
| LGS 106 | Introductory Arabic I | B. Select one of the following: 3 | |
| LGS 107 | Introductory Arabic II | HY 101 | HY of Western Civilization I |
| LGS 110 | Intro American Sign Language I | HY 102 | HY of Western Civilization II |
| LGS 111 | Intro American Sign Lang II | HY 135 | US History to 1877 |
| LGS 171 | Introductory Korean I | HY 136 | US History since 1877 |
| LGS 172 | Introductory Korean II | C. Select two of the following: 6 | |
| LGS 201 | Intermediate Japanese I | AN 100 | Intro to Cultural Anthropology |
| LGS 202 | Intermediate Japanese II | AN 101 | Intro Archaeology-Bio Anthro |
| LGS 206 | Intermediate Arabic I | CA 100 | Intro to Communication |
| LGS 207 | Intermediate Arabic II | CA 211 | Interpersonal Comm |
| LGS 210 | Intermediate ASL I | ECO 215 | Prin of Microeconomics |
| LGS 211 | Intermediate ASL II | ECO 216 | Prin of Macroeconomics |
| MUL 101 | Introduction to Music | GEO 114 | People, Places, Environment |
| PHL 110 | Introduction to Philosophy | GEO 115 | World Regional Geography |
| PHL 120 | Critical Thinking | GS 101 | Intro to Gender Studies |
| PHL 121 | Introduction to Logic | HY 101 | HY of Western Civilization I |
| PHL 131 | Introduction to Ethics | HY 102 | HY of Western Civilization II |
| PHL 231 | Social Ethics | HY 135 | US History to 1877 |
| PHL 240 | Western Philosophy: Classical | HY 136 | US History since 1877 |
| REL 100 | Intro to the Study of Religion | 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 |
| BMD 252 | Human Anatomy & Physiology II | 4 |

B. Complete the following:

C. Select 4-5 hours from the following: 4-5

| | |
|---------|--------------------------------|
| PH 104 | Concepts of Physics |
| PH 104L | Concepts of Physics Laboratory |
| PH 114 | Physics with Algebra-Trig I |
| PH 114L | Alg-Trig Based Physics I Lab |

D. 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

¹ 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.

Graduation Plan

Multiple Degree Plans Available. Select To View Option: