Code # Enter text…

**Course Revision Proposal Form**

**[x] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

|  |  |
| --- | --- |
| Deanna Barymon￼9/28/2017**Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**COPE Chair (if applicable)** |
| Cheryl DuBose 9/28/2017**Department Chair:**  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**General Education Committee Chair (If applicable)**   |
| Deanna Barymon￼9/28/2017**College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Undergraduate Curriculum Council Chair** |
| Susan Hanrahan 9/28/2017**College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…**Vice Chancellor for Academic Affairs** |

1. Contact Person (Name, Email Address, Phone Number)

Ray Winters

rwinters@astate.edu

2. Proposed Starting Term and Bulletin Year for Change to Take Effect

Summer 2018

3. Current Course Prefix and Number

RAD 3233 Radiography Clinical I

3.1 – [Yes ] Request for Course Prefix and Number change

 If yes, include new course Prefix and Number below. *(Confirm that number chosen has not been used before. For variable credit courses, indicate variable range. Proposed number for experimental course is 9. )*

 RAD 3232

3.2 – If yes, has it been confirmed that this course number is available for use? Yes

 *If no: Contact Registrar’s Office for assistance.*

4. Current Course Title

Radiography Clinical I

 4.1 – [NO] Request for Course Title Change

 If yes, include new Course Title Below. *If title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).*

 Enter text...

5. – [NO ] Request for Course Description Change.

 If yes, please include brief course description (40 words or fewer) as it should appear in the bulletin.

 Enter text...

6. – [NO ] Request for prerequisites and major restrictions change.

*(If yes, indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).*

1. Are there any prerequisites? Yes / No
	1. If yes, which ones?

Enter text...

* 1. Why or why not?

 Enter text...

1. Is this course restricted to a specific major? Yes / No
	1. If yes, which major? Enter text...

7. – [NO ] Request for Course Frequency Change(e.g. Fall, Spring, Summer). *Not applicable to Graduate courses.*

 a. If yes, please indicate new frequency:

 Enter text...

8. – [NO ] Request for Class Mode Change

*If yes, indicate if this course will be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.*

 Enter text...

9. – [NO ] Request for grade type change

*If yes, what is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])*

 Enter text...

10. Is this course dual listed (undergraduate/graduate)? NO

 a. If yes, indicate course prefix, number and title of dual listed course.

 Enter text...

11. Is this course cross listed? NO

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross listed course.)*

1. If yes, please list the prefix and course number of cross listed course.

 Enter text...

1. Are these courses offered for equivalent credit? Yes / No

 Please explain. Enter text...

12. Is this course change in support of a new program? NO

a. If yes, what program?

 Enter text...

13. Does this course replace a course being deleted? No

a. If yes, what course?

Enter text...

14. Will this course be equivalent to a deleted course or the previous version of the course? No

a. If yes, which course?

Enter text...

15. Does this course affect another program? NO

If yes, provide contact information from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

16. Does this course require course fees? NO

 *If yes: Please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Revision Details**

17. Please outline the proposed revisions to the course.

*Include information as to any changes to course outline, special features, required resources, or in academic rationale and goals for the course.*

 This is a Radiography clinical course that the students only attend for 2 days per week in the summer. This change reflects the new credit hour per clinical hour ratio.

18. Please provide justification to the proposed changes to the course.

 As stated previously, this changes reflects the new department wide “credit hour per clinical hour” ratio.

 r text...

19. Do these revisions result in a change to the assessment plan?

 [NO]

 *\*If yes: Please complete the Assessment section of the proposal on the next page.*

 *\*If no: Skip to Bulletin Changes section of the proposal.*

**Bulletin Changes**

|  |
| --- |
| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.* *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Cardiovascular-Interventional Technology**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Intro to Medical Imaging  | 1  |
| RAD 3103, Intro to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3,~~ 2 Radiography Clinical I  | ~~3~~ 2 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53** |
| **Emphasis Area (Cardiovascular-Interventional Technology):**  | **Sem. Hrs.**  |
| RS 3122, Legal & Regulatory Environment of Radiology  | 2  |
| RS 3733, Geriatric Considerations in Radiology  | 3  |
| RS 4343, Radiologic Administrative Concepts  | 3  |
| RS 4413, Cardiovascular Equipment and Intervention  | 3  |
| RS 4423, Cardiovascular-Interventional Procedures and Instrumentation  | 3  |
| RS 4433, Cardiac Equipment and Intervention  | 3  |
| RS 4443, Cardiac Physiology and Procedures  | 3 |

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| RS 4443, Stats for Medical Imaging  | 3  |
| RS 4444, Cardiac Clinic  | 4  |
| RS 4454, Cardiovascular-Interventional Clinical Education  | 4  |
| RS 4464, Cardiovascular-Interventional Internship  | 4  |
| RS 4822, Psychosocial Factors in Healthcare  | 2  |
| RSMR 4712, Imaging Information Management  | 2  |
| **Sub-total**  | **39**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  | **~~135~~ 134** |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Magnetic Resonance Imaging**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Intro to Medical Imaging  | 1  |
| RAD 3103, Intro to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3~~ 2, Radiography Clinical I  | ~~3~~ 2 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53** |
| **Emphasis Area (CT/MRI):**  | **Sem. Hrs.**  |
| RS 4623, CT Instrumentation  | 3  |
| RS 4633, CT Procedures  | 3  |
| RS 4644, CT Clinical Education  | 4  |
| RSMR 4703, MRI Instrumentation  | 3  |
| RSMR 4712, Imaging Information Management  | 2  |
| RSMR 4723, MRI Procedures I  | 3  |
| RSMR 4733, MRI Procedures II  | 3  |
| RSMR 4753, MRI Clinical Ed I  | 3  |
| RSMR 4763, MRI Clinical Education II  | 3  |
| RSMR 4803, MRI Physical Principles I  | 3 |

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| RSMR 4813, MRI Physical Principles II  | 3  |
| RSMR 4823, Data Acquisition and Processing  | 3  |
| RSMR 4833, Advanced MRI Imaging  | 3  |
| **Sub-total**  | **39**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  | **~~135~~ 134**  |

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Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Mammography**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Intro to Medical Imaging  | 1  |
| RAD 3103, Intro to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3~~ 2, Radiography Clinical I  | ~~3~~ 2  |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53**  |
| **Emphasis Area (CT/Mammography):**  | **Sem. Hrs.**  |
| RS 4623, CT Instrumentation  | 3  |
| RS 4633, CT Procedures  | 3  |
| RS 4644, CT Clinical Ed  | 4  |
| RS 3122, Legal and Regulatory Environ of Radiology  | 2  |
| RS 3733, Geriatric Considerations in Radiology  | 3  |
| RS 4363, Independent Study in the Rad Sciences  | 3  |
| RS 4463, Statistics for Medical Imaging  | 3  |
| RS 4502, Mammography Procedures  | 2  |
| RS 4512, Mammography Instrumentation  | 2  |
| RS 4553, Mammography Clinical Education I  | 3 |

*The bulletin can be accessed at* [*http://www.astate.edu/a/registrar/students/*](http://www.astate.edu/a/registrar/students/)330

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| RS 4563, Mammography Clinical Education II  | 3  |
| RS 4822, Psychosocial Factors in Healthcare  | 2  |
| RSMR 4712, Imaging Information Management  | 2  |
| **Sub-total**  | **35**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  |  **~~131~~ 130** |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Computed Tomography/Medical Imaging Informatics**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Intro to Medical Imaging  | 1  |
| RAD 3103, Intro to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3~~ 2, Radiography Clinical I  | ~~3~~ 2  |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53**  |
| **Emphasis Area (CT/Medical Imaging Informatics):**  | **Sem. Hrs.**  |
| CIT 1503, Microcomputer Applications  | 3  |
| CIT 2033, Programming Fundamentals  | 3  |
| CIT 2523, Telecommunications and Networking  | 3  |
| CIT 3013, Management Information Systems  | 3  |
| CIT 3403, Database Management  | 3  |
| CIT 4523, Advanced Telecommunications  | 3  |
| CIT 4623, Computer Security  | 3  |
| RS 3733, Geriatric Considerations in Radiology  | 3  |
| RS 4362, Leadership Practicum in RIS  | 2  |
| RS 4623, CT Instrumentation  | 3 |

|  |  |
| --- | --- |
| RS 4633, CT Procedures  | 3  |
| RS 4644, CT Clinical Education  | 4  |
| **Sub-total**  | **36**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  |  **~~132~~ 131** |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Diagnostic Medical Sonography**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Introduction to Medical Imaging  | 1  |
| RAD 3103, Introduction to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition and Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3~~ 2, Radiography Clinical I  | ~~3~~ 2 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53** |
| **Emphasis Area (Diagnostic Medical Sonography):**  | **Sem. Hrs.**  |
| RSU 4112 – Sectional Anatomy Sonography  | 2  |
| RSU 4122 – Small Parts Sonography  | 2  |
| RSU 4132 – Small Parts Sonography Lab  | 2  |
| RSU 4213 – Physics and Instrumentation I  | 3  |
| RSU 4223 – Abdomen Sonography  | 3  |
| RSU 4232 – Abdomen Sonography Laboratory  | 2  |
| RSU 4322 – OBGYN Laboratory  | 2  |
| RSU 4323 – Physics and Instrumentation II  | 3  |
| RSU 4413 – Vascular Sonography  | 3  |
| RSU 4422 – Vascular Sonography Laboratory  | 2 |

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| --- | --- |
| RSU 4511 – Ultrasound Clinic I  | 1  |
| RSU 4523 – Ultrasound Clinical Education II  | 3  |
| RSU 4534 – Ultrasound Clinical Education III  | 4  |
| RSU 4544 – Ultrasound Clinical Education IV  | 4  |
| RSU 4551 – Sonography Clinical Relevancy  | 1  |
| RSU 4613 – Obstetric and Gynecologic Sonography  | 3  |
| RSU 4622 – Obstetric Sonography II  | 2  |
| RSU 4652 – Special Procedures in Sonography  | 2  |
| **Sub-total**  | **44**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  | **140 139** |

Major in Radiologic Sciences

**Bachelor of Science in Radiologic Sciences**

**Emphasis in Radiation Therapy**

A complete 8-semester degree plan is available at http://registrar.astate.edu/.

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| University Requirements:  |
| See University General Requirements for Baccalaureate degrees (p. 41)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| RT 1003, Making Connections in Radiology  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Baccalaureate degrees (p. 84) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *BIO 2203* ***AND*** *2201, Human Anatomy and Physiology I and Laboratory* *PSY 2013, Introduction to Psychology* *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)*  | **35**  |
| **Major Requirements:**  | **Sem. Hrs.**  |
| HP 2013, Medical Terminology  | 3  |
| HP 3413, Cultural Competency  | 3  |
| RAD 2001, Intro to Medical Imaging  | 1  |
| RAD 3103, Intro to Radiography  | 3  |
| RAD 3113 **AND** RAD 3111, Radiographic Procedures I and Laboratory  | 4  |
| RAD 3123, Radiation Physics and Imaging  | 3  |
| RAD 3202, Imaging Equipment  | 2  |
| RAD 3203 **AND** RAD 3201, Radiographic Procedures II and Laboratory  | 4  |
| RAD 3213 **AND** RAD 3211, Image Acquisition & Evaluation I and Laboratory  | 4  |
| RAD 3223, Sectional Anatomy  | 3  |
| RAD 323~~3~~ 2, Radiography Clinical I  | ~~3~~ 2 |
| RAD 4103 **AND** RAD 4101, Radiographic Procedures III and Laboratory  | 4  |
| RAD 4113, Image Acquisition & Evaluation II  | 3  |
| RAD 4123, Imaging Pathology  | 3  |
| RAD 4132, Radiobiology  | 2  |
| RAD 4143, Radiography Clinical II  | 3  |
| RAD 4203, Radiography Clinical III  | 3  |
| RAD 4213, Radiography Clinical IV  | 3  |
| **Sub-total**  | **~~54~~ 53** |
| **Emphasis Area (Radiation Therapy):**  | **Sem. Hrs.**  |
| RST 4203, Intro to Radiation Therapy  | 3  |
| RST 4214, Radiation Therapy Principles and Practice  | 4  |
| RST 4224, Radiation Therapy Principles and Practice II  | 4  |
| RST 4234, Radiation Therapy Principles and Practice III  | 4  |
| RST 4242, Rad Therapy Clinical Treatment Planning  | 2  |
| RST 4313, Radiation Physics I  | 3  |
| RST 4323, Radiation Physics II  | 3  |
| RST 4333, Applied Radiation Biology  | 3  |
| RST 4413, Rad Protection, Safety, and Quality Management  | 3  |
| RST 4513, Radiation Therapy Clinical Education I  | 3 |

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|  |  |
| --- | --- |
| RST 4523, Radiation Therapy Clinical Education II  | 3  |
| RST 4533, Radiation Therapy Clinical Education III  | 3  |
| **Sub-total**  | **38**  |
| **Required Support Courses:**  | **Sem. Hrs.**  |
| BIO 2223 **AND** 2221, Human Anatomy and Physiology II and Laboratory  | **4**  |
| **Total Required Hours:**  | **~~134~~ 133**  |

**RAD 323~~3~~ 2. Radiography Clinical I** Supervised clinical experience in routine radiographic procedures. Students are evaluated with a competency based evaluation system. Prerequisite, Admission to the Radiologic Science Program. ~~Fall~~ Summer.

From page 527