Date:

March 11, 2009

From:

Jan Gibson, Senior Program Director, Radiology Programs, Salem Campus

To:

School of Speech Pathology & Audiology, College of EHHS, EPC

Subject:

I.

Summary of Curricular Proposals for the ATS and BRIT degrees

Bachelor of Radiologic and Imaging Sciences Technology Degree

A. Radiation Therapy concentration

- 1) Change credit hours from 2 to 3 in RIS 44043, RTH Principles & Practice III. This is a course that prepares students for the national certification exam in radiation therapy. Current semester hours do not permit adequate coverage of required content.
- 2) Remove MATH 11009 from MATH LER list since students must complete MATH 11010 and 11012.
- B. RIS concentrations: Add information to the undergraduate catalog and requirement sheets: Students must receive a 2.0 or greater in all RIS courses.
- C. Option IV addition to RIS concentrations. This proposal permits graduates of certificate (non-credit) and credit programs in Diagnostic Medical Sonography, Nuclear Medicine and Radiation Therapy to transfer credit from a credit program or to complete Credit-By-Exam (CBE) from certificate (non-credit) programs.
- II. Associate of Technical Studies-Category B
 - A. Create a pre-major in the ATS-Category B to help identify students and improve academic advising. This degree is awarded to students who complete a hospital based certificate program in the following areas. Thirty-two credits are awarded for the certificate program with students completing an additional 34 credits for the degree.
 - 1) Diagnostic Medical Sonography Technology
 - 2) Nuclear Medicine Technology
 - 3) Radiation Therapy Technology
 - 4) Radiologic Technology
 - 5) Radiology Department Management Technology
 - B. ATS-Category B: Radiology Department Management Technology Remove MATH 12001, Algebra & Trig, as a choice since course is no longer offered. The choice of math should be MATH 11010 and 11012.

Transmittal Memo

To: EPC

From: Jan Gibson, Director, Radiology Programs, Salem Campus

Date: March 2, 2009

RE: BRIT degree. Radiation Therapy Concentration, RTH 44043

Summary Statement:

Change credit hours from 2 to 3 hours in RTH Principles and Practice III, from the Bachelor of Radiologic and Imaging Sciences degree in the Radiation Therapy concentrations (RTAA, RTHB. RTFE). This course prepares students for the national certification examination in radiation therapy. The current hours are not adequate to cover the content specifications of the exam.

Proposal Summary

Title: BRIT Degree, RIS Major, Radiation Therapy Concentration, Change RIS 44043, Radiation Therapy Principles and Practice III from 2 to 3 hours for Fall 2010

Subject Specification: This proposal seeks to change the credit hours from 2 to 3 for RIS 44043, RTH Principles and Practice III in the Radiation Therapy concentration in the Bachelor of Radiologic and Imaging Sciences Technology degree, effective fall 2010.

Background Information: The RTH Principles and Practice course is a review course preparing the students to take the national registry examination which is a national certification exam required to practice as a radiation therapist within the U.S. This test is a 200 question examination that encompasses five areas of concentration. This course needs to be increased from two to three hours due to the wealth of information the students may be tested on. They must have a firm understanding of all radiation therapy concepts and many of these have not been addressed since the first semester of the program. Additionally, this course allows the students to take simulated registry exams.

Alternatives and Consequences: The alternative is to keep the hours the same.

Specific Recommendation and Justification: The change should be established effective fall 2010.

Timetable and Actions Required:

Department: School of Speech Pathology and Audiology College of EHHS EPC Faculty Senate

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

| | | Preparation Date | e 1-Mar-09 | Curriculum Bulletin |
|---|---------------------|---------------------|---------------------------------|--|
| | | Effective Date | Fall 2010 | Approved by EPC |
| Department | EHHS | | | |
| College | RC - Regional Ca | mpuses | | |
| Degree | BRIT - Bachelor o | of Radiologic Imag | ing Sciences | |
| Program Name | Radiologic & Ima | aging Sciences | Program Code | RIS |
| Concentration(s) | RTH Conce | entration(s) Code(s |) RTAA, RTH | IB, RTFE |
| Proposal | Revise Program | | | |
| Description of propo Revise the RIS 4404 | 13 RTH Principles 8 | | | |
| Does proposed revision Current total credit h | · · · | | urs? ⊠ Yes ed total credit h | |
| | ing considerations; | | | achment and duplication issues; eacher education licensure): |
| Units consulted (other School of SPA and (| | ograms or campus | ses affected by | this proposal): |
| | MA | REQUIRED EN | DORSEMENT | 3 1/0 1 00 |
| Department Chair / S | School Director / C | ampus Dean | | |
| Q. P | | | | |
| College Dean | | | | |
| Evocutive Doop of D | Ingianal Campusas | /Doop of Cradus | ata Ctudina | - ALL CONTRACTOR OF THE PARTY O |
| Executive Dean of R | legional Campuses | or Dean of Gradua | ite Studies | |
| Senior Vice Presider | nt for Academic Aff | airs and Provost | | |

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

| | | Prepar | ration Date | 15-Mar-09 | Curriculum Bulletin |
|---|---------------|-------------------|------------------|--------------------|---|
| | | Effecti | ve Date | Fall 2010 | Approved by EPC |
| Department | RIS | | | | |
| College | | ation, Health a | ad Uuma | · Candaga | |
| - | | | niu numai | 1 Set vices | |
| Proposal | Revise Co | | | | |
| Course Subject | RIS | Course Number | | 3 | |
| Course Title | Ł _ | iples and Prac | à m | | v |
| Minimum Credits | 023 | Maximum Cred | dits 02 | 3 | |
| | | | | | |
| | ☐ Subject | | Cross | -Listed / Slash | I |
| | ☐ Numbe | r | ☐ Grade | Rule | |
| | ☐ Title | | | by Exam | |
| Checked items | ☐ Title Ab | | | e Content | |
| are new | ⊠ Credit F | | | | equirements (LER) |
| or revised | ☐ Prerequ | | | g-Intensive (W | /IC) |
| | ☑ Descrip | | ☐ Diver: ☐ Other | • | |
| | ☐ Schedu | ie i ype | □ Ome | | · |
| | ing consider | rations; need, a | | | achment and duplication issues; eacher education licensure): |
| Units consulted (oth School of Speech I | | | | | this proposal): |
| Department Chair / | School Direct | Lynn | <u> </u> | DORSEMENTS KOWW | 3/17/09 3/17/09 |
| 0 !! 5 | | | | | |
| College Dean | | | | | • |
| Executive Dean of R | legional Car | mpuses / Dean | of Gradua | te Studies | |
| Senior Vice Preside | of for April | maia Affaira ===d | Drouget | | |
| Senior vice Presider | at for Acade | erric Arrairs and | Provost | | |

BASIC DATA SHEET

Complete all fields. Data entered below should reflect new/revised information.

| Preparation Date | 15-Mar-09 | Requested Effecti | ve Term | Fall 20 |)10 | | |
|--|---|---|--|---|---|--|--|
| Course Subject | RIS | Course Number | 44043 | | | | |
| Course Title | RTH Principles | and Practice III | | | | | |
| RTH Principles/Practice Iii NOTE: Maximum 30 spaces, with no punctuation or special characters (exception: forward slash "/" is allowed with no spaces before or after the slash) | | | | | | | |
| Slash Course | / / 4/5, 4/5/7 or 6/8 | | | | | | |
| Minimum Credit | 03 ☐ to ☐ or | Maximum Credit | 03 (e.g. | ., 3 to 3 cre | dits, 1 to 12 credits, 2 or 4 | credits) | |
| Contact Hours Per Week | ☑ Lecture☐ Laboratory☐ OtherNOTE: Contact hour | Minimum Hours Minimum Hours Minimum Hours s should be per week. | | □ to □ | or Maximum Hours or Maximum Hours or Maximum Hours | 3.00 | |
| Repeat Status | Repeat Status NR - Course may not be repeated If repeats, course limit OR maximum hours | | | | | | |
| Course Level | UG - Undergrad | uate | | | | | |
| Grade Rule | C - Letter or in i | Progress (IP) | | | | | |
| Schedule Type(s) | LEC - Lecture | · | | | | | |
| Course Attribute(s) | Course Attribute(s) none | | | | | | |
| Credit By Exam | D - Credit by Ex | am as Approved | by Depa | ırtment | | | |
| COMPLETE ONLY WHAT | r is applicable to | | ************************************** | | enderfreeder opposite state om 1900 opposite state om 1900 opposite state of 1900 opposite | TOTOGRAPH SALE TRANSPORTER | |
| Prerequisite | | | | | COMPLETED BY CURRICU | LUM SERVICES | |
| Course(s) NOTE: List minimum-grad | RIS 44013 e requirement for cou | rse prerequisites if othe | er than "D | 11 | OBR Program Code | · · · · · · · · · · · · · · · · · · · | |
| Test Score(s) | | roo provoquisitos ii stiit | | · | OBR Subsidy Code | | |
| Corequisite(s) | | | | | OBR Course Level CIP Code | N-11-11-11-11-11-11-11-11-11-11-11-11-11 | |
| Registration is by spe NOTE: Checking "yes" me | | | nartment i | to register | · · · · · · · · · · · · · · · · · · · | | |
| Restrict Registration (e.g., VCD majors, East Li | RIS major | | | nding, BA-C | , 5 , | | |
| Catalog Description | prepare student | | pass th | as from a | all radiation therapy al certification exam | courses to | |
| (do not include prerequisite | es) | | | | MICHAEL MANUAL WAY STRAIN AND AND AND AND AND AND AND AND AND AN | | |
| Complete the following onl Previous Title | | | The state of the s | - man ad i Propins a dalpet di regionalisti di Tid | management (1 20) A (1 del) had a 10 fe (2 de) na en-saver e (2 de) | ad administrative of the second | |
| Previous Subject | Previous Subject Previous Number | | | | | | |
| Term Start | Term End | _ NOTE: To be comp | eted by C | urriculum S | Services. | | |

Content Outline (include contact hours for each section)

| Contact Hours | Outline |
|------------------|--|
| 2.00 | Atomic Structure |
| 4.00 | Electromagnetic Radiation & Interactions |
| 2.00 | Detection & Measurement of Radiation |
| 2.00 | Radiation Safety |
| 3.00 | High Energy Treatment Units |
| 2.00 | Brachytherapy |
| 2.00 | Radiobiology |
| 2.00 | Electron Beam |
| 4.00 | Pathology |
| 2.00 | Patient care |
| 10.00 | Treatment delivery |
| 10.00 | Simulated Exams |

45.00 Total Contact Hours

Textbook(s) Used in this Course

Notes Packet

Writing Expectations

Research Paper

Instructor(s) Expected To Teach

Victoria Migge

.....

Victoria Migge

Instructor(s) Contributing to Content

REQUIRED ENDORSEMENT

Department Chair //School Director / Campus Dean

3,17,04

123

| | Addi | tional LE | A courses | | | |
|------|--------|------------|-------------------------------|---|--------------|-------------|
| | COM | M 15000 | Introduction to Human Co | ommuni | cations | 3 |
| | MAT | 11012 | Intuitive Calculus | | | 3 |
| | Dive | rsily Req | uirement | | | |
| | Stude | ents mus | t complete a two-course di | iversity . | requiremer | rt. |
| | cons | isting of | one with a domestic (U.S.) | tocus a | nd one wit | h a |
| | | • | One course must come fro | | | |
| | • | | e taken as a second LER, w | | | **** |
| | | - | lective. A complete list of a | | | nti |
| | | s 89-91. | conve. in complete hat bi c | recrany | CO01505 15 | U., |
| IJ. | 3 | | sive Course Requirements | | | |
| .,,, | | - | t complete a one-course w | | itaneiva rac | mira. |
| | | | n minimum C (2.00) grade. | | | |
| | | | concentration with RIS 44 | | | |
| | | | | | compiere n | יטופ פרי |
| 117 | | _ | ive courses is on Pages 93 | | | 45 |
| IV. | | | ements | | | |
| | RIS | | Radiation Therapy Princip | | | |
| | | | Radiation Therapy Patient | | | |
| | | | Radiation Therapy Physic | | | |
| | | 34030 | Radiation Therapy Clinica | I Educal | tion | 1 |
| | • | | Sectional Anatomy in Med | | | |
| | | 44013 | Radiation Therapy Princip | oles/Prac | ctice II | 3 |
| | | 44018 | Radiation Therapy Physic | s II | | 3 |
| | | 44028 | Radiation Therapy Radiob | iology | | 3 |
| | | 44029 | Radiation Therapy Patholo | ogy I | | 3 |
| | | 44038 | Radiation Therapy Physic | s (1) | | 3 |
| | • | 44040 | Radiation Therapy Clinical | l Educat | ion II | 1 |
| | | 44041 | Radiation Therapy Quality | Manag | ement | 2 |
| | | 44042 | Radiation Therapy Patholo | ogy II . | | . ,3 |
| | | | Radiation Therapy Princip | | | |
| | | | Radiation Therapy Clinical | | | • |
| | | 44060 | Radiation Therapy Clinical | l Educat | ion IV | 1 |
| | | 44070 | Radiation Therapy Clinical | l Educat | ion V | 1 |
| | | | Research in Medical Imag | | | |
| | | | | | | |
| | OPTIO |) N I | | | | |
| | Additi | onal Re | quirements, | | | 54 |
| | | | irements in radiologic tech | | | |
| | See re | eauireme | ints under the A.A.S. in rad | liologic i | technoloav | |
| | | | s Catalog. | , | | |
| | | | | | YOTAL | 401.400 |
| | | | | | TOTAL | 184-188 |
| | OPTIO | N II | | | | 135-136 |
| | | | quirements . , , . , . , | | | 30 |
| | | | Introduction to Computer | | | |
| | HED | | | | | |
| | | | Medical Terminology | | | |
| | ASSOC | iale of Si | cience electives or freshma | in entry | | 32 |
| | | | | | TOTAL | 121-122 |

| OPTION III | | |
|---|-------------|-------|
| Additional Requirements | | . ,41 |
| COMT 11000 Introduction to Computer Syste | ıms | 3 |
| Associate of Technical Studies in Radiologic Te | echnology . | 32 |
| Lower-division electives | | |
| | TOTAL | |
| *Course tulfills writing-intensive requirement | | 122 |

ASSOCIATE DEGREE REQUIREMENTS

General Academic Requirements

In addition to completing a minimum of 61 semester hours of approved coursework and meeting all program requirements, candidates for an associate degree, entering the university in the Fall Semester 1980 or later with freshman standing, also must complete First Year Experience FLASH Point (US 10097), a 1-hour course.

To graduate, students must attain a minimum cumulative GPA of 2.00 for all coursework taken at Kent State University. Candidates for the Associate of Applied Business and Associate of Applied Science must attain a 2.00 cumulative GPA in the technical courses.

If students are required to take additional coursework to raise the GPA in the technical core to 2.00, the course(s) will be selected in consultation with the program advisor and approved prior to registration. It is required that such coursework be in the technical area. Candidates for the Applied Science in Nursing degree must attain a grade of at least C (2.00) in each nursing, biology, chemistry and nutrition course. Candidates in the applied science early childhood education program must attain a C (2.00) grade in every technical course.

Program Requirements

122-123

Before or upon completion of 32 semester hours, associate degree students are required to contact the student services office at their campuses to obtain an official program requirement sheet. This sheet should be completed in consultation with the students' advisors and a copy returned to the Student Services office.

Requests for adjustments in program requirements must be approved prior to enrolling in a course that is not in the prescribed curriculum. Requests for adjustments will not be accepted during the semester in which the students expect to graduate, except when a course has been canceled at the beginning of that semester or upon determination of the campus dean that there have been mitigating circumstances.



Requirement Sheet

| Student Name: | | |
|---------------|------|--|
| Campus: | | |

Bachelor of Radiologic and Imaging Sciences Technology

Radiation Therapy (RTH) Concentration for Freshman Entry or Associate of Science Degree Graduates 2008-2009

LER DIVERSITY REQUIREMENT"

| | Determined by Basic Skills Assessment (Check Required Courses) | All students must complete a two-course diversity requirement. The first course must come from the LER requirement; the second course may be |
|--------------|---|---|
| ۵ | Course Credit Sem./Yr. Dept. Number Title Hours Complete ENG 11001 Intro. to Coll. Writing S (3) | taken as a second LER, within a minor, or as a general elective. One course must address domestic (US) diversity issues One course must address global diversity issues |
| | ENG 11002 College Writing I – Stretch (3) 6 MATH 10031 Fundamentals of Math I 1 | One course must address global diversity issues |
| | MATH 10031 Fundamentals of Math II 1 | Associate of Science (32 hours). Attach program |
| | MATH 10033 Fundamentals of Math III 1 | requirement sheet. Date awarded |
| | MATH 10034 Fundamentals of Math IV 1 | - OR - Freshman Entry Lower Division Electives (32 hours) |
| | MATH 10035 Fundamentals of Math V 1 MATH 10036 Fundamentals of Math VI 1 | resiman Entry Lower Division Licetives (52 nours) |
| | MATH 10036 Fundamentals of Math VI 1US 10003 Read. Strat. for Coll. Suc. 3 | |
| | US 10006 Study Strat. for Coll. Suc. 3 | |
| , . • | | |
| 1. | US 10097 First Year Exp. FLASH Point 1 | |
| | LIBERAL EDUCATION REQUIREMENTS | |
| 2. | Composition (6 hours) | |
| | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | 9. Required Related Courses (6 hours) |
| | LING 21011 Conege Winning II | COMT 11000 Intro. to Computer Systems 3 |
| 3, | Mathematics, Critical Reasoning (3-4 hours) | HED 14020 Medical Terminology 3 |
| | Select from the following | 10. Professional Level Courses |
| | MATH 11009 Modeling Algebra (4) | 10. Professional Level Courses |
| | MATH 11010 Algebra for Calculus (3) | Course Credit Yr. Grd Olty |
| 4. | *Humanities and Fine Arts (9 hours) | Dept. Number Title Hours Cmpl 10-4 Pts. RIS 34003 RTh Principles/Practice I 3 |
| | Minimum one course from Humanities and one course from | RIS 34004 RTh Patient Management 3 |
| | Fine Arts category required. | RIS 34008 RTh Physics I 3 |
| | | RIS 34030 RTh Clinical Education I 1 1 |
| | , | RIS 34083 Sectional Anatomy 3 |
| | | RIS 44013 RTh Principles/Practice II 3 |
| 5. | *Social Science (6 hour) | RIS 44018 RTh Physics II 3 RIS 44028 RTh Radiobiology 3 |
| | Courses must be selected from two curricular areas | RIS 44028 RTh Radiobiology 3 RIS 44029 RTh Pathology I 3 |
| | PSYC 11762 General Psychology 3 | RIS 44038 RTh Physics III 3 |
| | | RIS 44040 RTh Clinical Education II 1 |
| 6. | Basic Sciences (6-7 hour minimum required by LER, 10 | RIS 44041 RTh Quality Management 2 |
| | hours total required by program) | RIS 44042 RTh Pathology II 3 |
| | BSCI 20020 Biological Structure & Func. 5 | RIS 44043 RTh Principles/Practice III 3 Z |
| | PHY 13001 General College Physics I 4 PHY 13021 Gen. College Physics I Lab 1 | RIS 44050 RTh Clinical Education III 1 : : |
| | PHY 13021 Gen. College Physics I Lab 1 | RIS 44060 RTh Clinical Education IV 1 RIS 44070 RTh Clinical Education V 1 |
| 7. | Additional LER's (6 hours) | Total Professional Level Course Hours 4039 GPA |
| | COMM 15000 Intro. to Human Comm. 3 | rough folessional never obtained found for a |
| | MATH 11012 Intuitive Calculus 3 | 11. Required Writing Intensive Course |
| T. . | al LED Harris | RIS 44098 Research in Med. Imaging 3 |
| 101 | al LER Hours 40-41 | TOTAL REQUIREMENTS 121-122 /22-123 |
| *Sel | lect from the University's LER list in the <i>Undergraduate Catalog</i> . se <i>Undergraduate Catalog</i> for list of courses. | TOTAL REQUIREMENTS 121-122 / J2 - 123 |
| NO1 | res | Student Signature Date |
| | inimum of 42 semester hours of upper division courses is required | |

Advisor Signature

Date

A minimum of 121 semester hours is required for graduation.

A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Radiation Therapy (RTH) Concentration for Associate of Applied Science in Radiologic Technology Graduates

| | 200 | 98-2009 |
|---------|--|--|
| | DEVELOPMENTAL PRESCRIPTION COURSES Determined by Basic Skills Assessment (Check Required Courses) | LER DIVERSITY REQUIREMENT** All students must complete a two-course diversity requirement. The first course must come from the LER requirement; the second course may be |
| £J | Course Credit Sem./Yr. Dept. Number Title Hours Complete ENG 11001 Intro. to Coll. Writing S (3) | |
| | ENG 11002 College Writing I – Stretch (3) 6 MATH 10031 Fundamentals of Math I 1 | One course must address global diversity issues |
| попопов | MATH 10032 Fundamentals of Math II 1 MATH 10033 Fundamentals of Math III 1 MATH 10034 Fundamentals of Math IV 1 MATH 10035 Fundamentals of Math V 1 MATH 10036 Fundamentals of Math VI 1 US 10003 Read. Strat. for Coll. Suc. 3 US 10006 Study Strat. for Coll. Suc. 3 | 8. AAS in Radiologic Technology (54 hours). Attach program requirement sheet. Date awarded 9. Professional Level Courses |
| 1. | US 10097 First Year Exp. FLASH Point 1 | Course Credit Yr. Grd Qtt Dept. Number Title Hours Cmpl 0-4 Pts |
| 2. | LIBERAL EDUCATION REQUIREMENTS Composition (6 hours) | RIS 34003 RTh Principles/Practice 3 |
| ۷. | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | RIS 34030 RTh Clinical Education I 1 RIS 34083 Sectional Anatomy 3 RIS 44013 RTh Principles/Practice II 3 |
| 3: - | Mathematics; Critical Reasoning (3-4 hours) Select from the following MATH 11009 Modeling Algebra (4) | RIS 44018 RTh Physics II 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| 4. | MATH 11010 Algebra for Calculus (3) *Humanities and Fine Arts (9 hours) | RIS 44038 RTh Physics III 3 RIS 44040 RTh Clinical Education II 1 RIS 44041 RTh Quality Management 2 |
| ٦. | Minimum one course from Humanities and one course from Fine Arts category required. | RIS 44042 RTh Pathology II 3 3 3 3 3 40043 RTh Principles/Practice III 3 Z 40043 RTh Clinical Education III 1 RIS 44060 RTh Clinical Education IV 1 RIS 44070 RTh Clinical Education V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 5. | *Social Science (6 hour) Courses must be selected from two curricular areas PSYC 11762 General Psychology 3 | Total Professional Level Course Hours 40 34 GPA 10. Required Writing Intensive Course RIS 44098 Research in Med. Imaging 3 |
| 6. | *Basic Sciences (6-7 hour) CHEM 10050 Fundamentals of Chem. 3 | TOTAL REQUIREMENTS 134-135- / 35 - / 36 |
| | Select one lab from CHEM 10031 Chemistry in our World (1) PHY 21041 Phys. in Entertain. & Arts (1) | |
| 7. | Additional LER's (6 hours) COMM15000 Intro. to Human Comm. 3 MATH 11012 Intuitive Calculus 3 | Student Signature Date |
| Tot | tai LER Hours 37-38 | Advisor Signature Date |
| *Se | elect from the University's LER fist in the Undergraduate Catalog. | |

NOTES

A minimum of 42 semester hours of upper division courses is required. A minimum of 134 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.

**See Undergraduate Catalog for list of courses.



Regional Computer

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|----|--------|----|-----|----|-----|
| ᄝᅀ | CHILIT | On | ıαn | tS | hee |
| | | | | | |

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Radiation Therapy (RTH) Concentration for Hospital-Based Certificate Program and ATS Graduates 2008-2009

LER DIVERSITY REQUIREMENT**

DEVELOPMENTAL PRESCRIPTION COURSES

| | Determined by Basic Skills Assessment (Check Required Courses) | All students must complete a two-course diversity requirement. The first course must come from the LER requirement; the second course may be |
|---------|--|--|
| | Course Credit Sem./Yr, | taken as a second LER, within a minor, or as a general elective. |
| E | Dept. Number Title Hours Complete ENG 11001 Intro. to Coll. Writing S (3) | One course must address domestic (US) diversity issues |
| | ENG 11002 College Writing I – Stretch (3) 6 | |
| | MATH 10031 Fundamentals of Math i 1 | One course must address global diversity issues |
| | MATH 10032 Fundamentals of Math II 1 MATH 10033 Fundamentals of Math III 1 | |
| C | MATH 10033 Fundamentals of Math IV 1 | 8. ATS Radiologic Technology, Nuclear Medicine or Diagnostic |
| £3 | MATH 10035 Fundamentals of Math V 1 | Medical Sonography from hospital-based certificate program (32 hours). Attach program requirement sheet. |
| | MATH 10036 Fundamentals of Math VI 1 | (32 hours), Attach program requirement sneet. |
| | US 10003 Read, Strat. for Coll. Suc. 3 US 10006 Study Strat. for Coll. Suc. 3 | Date awarded |
| | | 9. Required course from Associate Degree (3 hours) |
| 1. | US 10097 First Year Exp. FLASH Point 1 | COMT 11000 Intro. to Computer Systems 3 |
| | LIBERAL EDUCATION REQUIREMENTS | 10. Lower Division Electives (6 hours) |
| 2. | Composition (6 hours) | |
| | | |
| | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | 11. Professional Level Courses Sem/ |
| 2 | Mathematics, Critical Reasoning (3-4 hours) | Course 'Credit Yr. 'Grd Qity |
| Ų.· | Select from the following | Dept. Namber Title Hours Clinic 0.4 1 to. |
| | MATH 11009 Modeling Algebra (4) | RIS 34003 RTh Principles/Practice I 3 RIS 34004 RTh Patient Management 3 |
| | MATH 11010 Algebra for Calculus (3) | RIS 34008 RTh Physics I 3 |
| | ALL SECTION AND AND ASSESSMENT | RIS 34030 RTh Clinical Education I 1 |
| 4. | *Humanities and Fine Arts (9 hours) Minimum one course from Humanities and one course from | RIS 34083 Sectional Anatomy 3: |
| | Fine Arts category required. | RIS 44013 RTh Principles/Practice II 3 |
| | The vite outegory required. | RIS 44018 RTh Physics II 3 |
| | | RIS 44028 RTh Radiobiology 3 |
| | | RIS 44029 RTh Pathology 3 RIS 44038 RTh Physics III 3 |
| _ | *Operiod Opinion (Opinion) | RIS 44038 RTh Physics III 3 RIS 44040 RTh Clinical Education II 1 : |
| 5. | *Social Science (6 hour) Courses must be selected from two curricular areas | RIS 44041 RTh Quality Management : 2 |
| | PSYC 11762 General Psychology 3 | RIS 44042 RTh Pathology II 3 |
| | | RIS 44043 RTh Principles/Practice III 3 2 |
| | | RIS 44050 RTh Clinical Education III 1 |
| 6. | *Basic Sciences (6-7 hour) | RIS 44060 RTh Clinical Education IV 1 |
| | CHEM 10050 Fundamentals of Chem. 3 | RIS 44070 RTh Clinical Education V 1 |
| | Select one lab from | Total Professional Level Course Hours 40 29 GPA |
| | CHEM 10031 Chemistry in our World (1) | 12. Required Writing Intensive Course |
| | PHY 21041 Phys. in Entertain. & Arts (1) | RIS 44098 Research in Med. Imaging 3 |
| 7. | Additional LER's (6 hours) | TOTAL REQUIREMENTS 424-422- /22-123 |
| | COMM 15000 Intro. to Human Comm. 3 | |
| | MATH 11012 Intuitive Calculus 3 | |
| Tot | tal LER Hours 37-38 | Student Signature Date |
| | lect from the University's LER list in the <i>Undergraduate Catalog</i> . se <i>Undergraduate Catalog</i> for list of courses. | Advisor Signature Date |
| NO | TES | |
| | and the second of the second o | l Revised 7-21-08 |

A minimum of 42 semester hours of upper division courses is required. A minimum of 121 semester hours is required for graduation.

A minimum of 200 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.

Transmittal Memo

To: EPC

From: Jan Gibson, Director. Radiology Programs, Salem Campus

Date: March 2, 2009

RE: BRIT degree. Radiation Therapy Concentration, MATH 11009

Summary Statement:

Remove MATH 11009, Modeling Algebra, from the Bachelor of Radiologic and Imaging Sciences degree in the Radiation Therapy concentrations (RTAA, RTHB, RTFE) since MATH 11010 and 11012 are required to meet degree requirements.

Produces grad required, fu 134-135 BIB to 134 RTM, fu 121-122 RTHB to 121 fu 121-122 RTFE to 121

Proposal Summary

Title: BRIT Degree, RIS Major, Radiation Therapy Concentration, Remove MATH 11009

Subject Specification: This proposal seeks to remove MATH 11009, Modeling Algebra, from the Bachelor of Radiologic and Imaging Sciences Technology degree in the Radiation Therapy concentrations (RTAA, RTHB, RTFE) and to keep MATH 11010, Algebra for Calculus as the only MATH LER course, effective fall 2010.

Background Information: The national curriculum for all radiation therapy programs requires calculus as a pre-requisite course for admission. At Kent State University, this requires students to complete MATH 11010, Algebra for Calculus, prior to MATH 11012, Intuitive Calculus. The current requirement sheet lists MATH 11009, Modeling Algebra or MATH 11010, Algebra for Calculus, as the MATH LER choices. MATH 11012 is listed in the Additional LER category. It is essential for interested students to select Algebra for Calculus prior to Intuitive Calculus. Students advised at the Salem Campus have always been directed to take the correct course however, students who self-advise have been confused. This correction will make certain that students complete the appropriate math courses, without duplication.

Alternatives and Consequences: The alternative is to allow both courses to be listed but this would result in a student possibly completing a duplicate course.

Specific Recommendation and Justification: The change should be established effective fall 2010.

Timetable and Actions Required:

Department: School of Speech Pathology and Audiology College of EHHS EPC Faculty Senate

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

| | | Preparation Dat | e 1-Mar-09 | Curriculum Bulletin |
|---|-----------------|------------------------------------|--------------------------------|---|
| | | Effective Date | Fall 2010 | Approved by EPC |
| Department | EHHS | | | |
| College | RC - Regiona | I Campuses | | |
| Degree | | lor of Radiologic Imag | ina Sciences | |
| Program Name | | Imaging Sciences | _ | le RIS |
| Concentration(s) | - | oncentration(s) Code(s | - | • |
| Proposal | Revise Progra | | • | |
| Description of propo Remove MATH 1100 11012 are required. | | ion Therapy concentra | ation (options | I, II, III) since MATH 11010 and |
| Does proposed revision Current total credit h | | ogram's total credit ho Propose | urs? 🛚 🖾 Ye ed total credit | |
| | ng considerati | | | pachment and duplication issues; teacher education licensure): |
| Units consulted (other School of SPA and C | · · | s, programs or campus IS | ses affected b | y this proposal): |
| 1 11/ | 1/1/ | REQUIRED EN | DORSEMEN | тѕ |
| [[]] | MA | | | 31/0109 |
| Department Chair / S | School Director | r / Campus Dean | | |
| | | | | / |
| College Dean | | | | |
| | | | | |
| Executive Dean of R | egional Camp | uses / Dean of Gradua | ate Studies | |
| Senior Vice Presider | nt for Academic | Affairs and Provost | | // |



| P3 | | 4 | A1. | |
|-----|------|------|------|------|
| Rea | uire | meni | Sine | ? (* |

| Student Name: | |
|---------------|--|
| Campus: | |

Requirement Sheet Campus: Bachelor of Radiologic and Imaging Sciences Technology

Radiation Therapy (RTH) Concentration for

| | | Radiologic Technology Graduates | |
|----------|---|---|--|
| | DEVELOPMENTAL PRESCRIPTION COURSES Determined by Basic Skills Assessment (Check Required Courses) | 8-2009 LER DIVERSITY REQUIREMENT** All students must complete a two-course diversity requirement. The first course must come from the LER requirement; the second course may be | |
| | Course Credit Sem./Yr. | taken as a second LER, within a minor, or as a general elective. | |
| П | Dept. Number Title Hours Complete ENG 11001 Intro. to Coll. Writing S (3) | One course must address domestic (US) diversity issues | |
| 0 | ENG 11002 College Writing I – Stretch (3) 6 MATH 10031 Fundamentals of Math I 1 | One course must address global diversity issues | - |
| О О | MATH 10032 Fundamentals of Math II 1 MATH 10033 Fundamentals of Math III 1 | | * |
| D | MATH 10033 Fundamentals of Math III 1 MATH 10034 Fundamentals of Math IV 1 MATH 10035 Fundamentals of Math V 1 | AAS in Radiologic Technology (54 hours). Attach program requirement sheet. | |
| () () | MATH 10036 Fundamentals of Math VI 1 US 10003 Read. Strat. for Coll. Suc.: 3 | Date awarded | |
| D | US 10006 Study Strat. for Coll. Suc. 3 | Professional Level Courses Sem/ : | : |
| 1. | US 10097 First Year Exp. FLASH Point 1 | Course Credit Yr. Grd Dept. Number Title Hours Cmpl 0-4 | |
| | LIBERAL EDUCATION REQUIREMENTS | RIS 34003 RTh Principles/Practice I 3: RIS 34004 RTh Patient Management : 3: | - |
| _ | | RIS 34008 RTh Physics I 3 | |
| 2. | Composition (6 hours) ENG 11011 College Writing I 3 | RIS 34030 RTh Clinical Education 1 1 | |
| | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | RIS 34083 Sectional Anatomy 3 | - |
| | | RIS 44013 RTh Principles/Practice II 3 | : |
| 3. | Mathematics, Critical Reasoning (3-X hours) | RIS 44018 RTh Physics II 3 | <u>:</u> |
| - | Select from the following | RIS 44026 RTI Radiobiology 5 | : |
| | TARREST ARROAD TARREST AT A TOP AND A TOP A TOP AND A TOP A TOP AND A TOP A TOP AND A TOP A TOP AND A TOP A | RIS 44029 RTh Pathology I 3 | <u>:</u> |
| | MATH 11019 Modeling Algebra (4) MATH 11010 Algebra for Calculus 3 | RIS 44038 RTh Physics III 3 | <u> </u> |
| | | RIS 44040 RTh Clinical Education II 1 | <u> </u> |
| 4. | *Humanities and Fine Arts (9 hours) | RIS 44041 RTh Quality Management 2 | <u>.</u> |
| | Minimum one course from Humanities and one course from | RIS 44042 RTh Pathology II 3: | <u>.</u> |
| | Fine Arts category required. | RIS 44043 RTh Principles/Practice III 2 | <u>:</u> |
| | | RIS 44050 RTh Clinical Education III 1 | |
| | | RIS 44060 RTh Clinical Education IV 1 | |
| | | RIS 44070 RTh Clinical Education V 1 | <u>. </u> |
| 5. | *Social Science (6 hour) Courses must be selected from two curricular areas | Total Professional Level Course Hours 39 GPA | |
| | PSYC 11762 General Psychology 3 | Required Writing Intensive Course RIS 44098 Research in Med. Imaging 3 | |
| ^ | 4B1- O-1 (O-7-) | | • |
| 6. | *Basic Sciences (6-7 hour) CHEM 10050 Fundamentals of Chem. 3 | TOTAL REQUIREMENTS 134-794 | |
| | Select one lab from CHEM 10031 Chemistry in our World (1) PHY 21041 Phys. in Entertain. & Arts (1) | Student Signature Date | |
| 7. | Additional LER's (6 hours) | Ottoont dignature Date | |
| | COMM15000 Intro. to Human Comm. 3 MATH 11012 Intuitive Calculus 3 | | _ |
| w | tol (PD tlours 27 34 | Advisor Signature Date | |

*Select from the University's LER list in the *Undergraduate Catalog*. **See *Undergraduate Catalog* for list of courses.

A minimum of 42 semester hours of upper division courses is required. A minimum of 134 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.



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| Rea | шге | ment | onee |

| Student Name: | | |
|---------------|--|--|
| Campus: | | |

Requirement Sheet Campus: Bachelor of Radiologic and Imaging Sciences Technology

Radiation Therapy (RTH) Concentration for Hospital-Based Certificate Program and ATS Graduates 2008-2009

LER DIVERSITY REQUIREMENT**

| DEVELOPMENTAL | . PRESCRIPTION | COURSES |
|---------------|----------------|---------|
|---------------|----------------|---------|

| | Determined by Basic Skills Assessment (Check Required Courses) | All students must complete a two-course diversity requireme course must come from the LER requirement; the second co | iurse ma | | |
|--------|---|--|----------|-------|--|
| | Course Credit Sem./Yr. | taken as a second LER, within a minor, or as a general elect | ive. | | |
| | Dept. Number Title Hours Complete | | | | |
| | ENG 11001 Intro. to Coll. Writing S (3) | One course must address domestic (US) diversity issues | Jes | | |
| | ENG 11002 College Writing - Stretch (3) 6 | | | | - |
| | MATH 10031 Fundamentals of Math I 1 | One course must address global diversity issues | | | |
| n | MATH 10032 Fundamentals of Math II 1 | | | | - |
| | MATH 10033 Fundamentals of Math III 1 | - ATTO IN 12 1 - TO 12 1 - | Б. | | |
| \Box | MATH 10034 Fundamentals of Math IV 1 | B. ATS Radiologic Technology, Nuclear Medicine or | | | |
| Γ: | MATH 10035 Fundamentals of Math V 1 | Medical Sonography from hospital-based certification | ite proç | gran | 1 |
| | MATH 10036 Fundamentals of Math VI 1 | (32 hours). Attach program requirement sheet. | | | |
| | US 10003 Read, Strat. for Coll. Suc. 3 | | | | |
| | US 10006 Study Strat. for Coll. Suc. 3 | Date awarded | | | |
| | | 9. Required course from Associate Degree (3 hours | . \ | | |
| | | COMT 11000 Intro. to Computer Systems 3 | | | |
| 1. | US 10097 First Year Exp. FLASH Point 1 | COWT 11000 Intro. to Computer Systems 3 | | | - |
| | LIBERAL EDUCATION REQUIREMENTS | 10. Lower Division Electives (6 hours) | | | |
| | LIBERAL EDUCATION REQUIREMENTS | | | | _ |
| 2. | Composition (6 hours) | | | | _ |
| | | | | | |
| | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | 11. Professional Level Courses | | | |
| | | | Sem/ | | |
| 3. | Mathematics, Critical Reasoning (3-X hours) | Course Credit | | Grd | |
| | Select from the following. | Dept. Number Title | Cmpi | 0-4 | Pts |
| | MATH 11909 Modeling Algebra (4) | RIS 34003 RTh Principles/Practice 1 3 | | | ; |
| | MATH 11010 Algebra for Calculus (%) 3 | RIS 34004 RTh Patient Management 3 | | | : |
| | militi i loto i rigosia foi caledido par | RIS 34008 RTh Physics I 3 | | | _ |
| 4. | *Humanities and Fine Arts (9 hours) | RIS 34030 RTh Clinical Education 1 1 | | | ! |
| ™. | Minimum one course from Humanities and one course from | RIS 34083 Sectional Anatomy : 3 | | | ! |
| | | RIS 44013 RTh Principles/Practice II : 3 | | | 1 |
| | Fine Arts category required. | RIS 44018 RTh Physics II 3 | : | | 1 |
| | | RIS 44028 RTh Radiobiology 3 | | | <u> </u> |
| | | RIS 44029 RTh Pathology I 3 | | | • |
| | | RIS 44038 RTh Physics III 3 | | ***** | <u> </u> |
| - | ** | | | | |
| 5. | *Social Science (6 hour) | porturnaments. | | | <u>-</u> |
| | Courses must be selected from two curricular areas | RIS 44041 RTh Quality Management 2 | | | - |
| | PSYC 11762 General Psychology 3 | RIS 44042 RTh Pathology II 3 | 1 1 | | : |
| | | RIS 44043 RTh Principles/Practice III 2 | | | <u>; </u> |
| | | RIS 44050 RTh Clinical Education III 1 | 4 | | ! |
| 6. | *Basic Sciences (6-7 hour) | RIS 44060 RTh Clinical Education IV 1 | : : | | |
| | CHEM 10050 Fundamentals of Chem. 3 | RIS 44070 RTh Clinical Education V : 1 | : : | | - |
| | | Total Professional Level Course Hours 39 | G | PA_ | |
| | Select one lab from | | | | |
| | CHEM 10031 Chemistry in our World (1) | 12. Required Writing Intensive Course | | | |
| | PHY 21041 Phys. in Entertain. & Arts (1) | RIS 44098 Research in Med. Imaging 3 | | | - |
| 7 | Additional I CD's (Chaum) | | | | |
| 7. | Additional LER's (6 hours) | TOTAL REQUIREMENTS 121-192 | | | |
| | COMM 15000 Intro. to Human Comm. 3 | | | | |
| | MATH 11012 Intuitive Calculus 3 | | | | _ |
| T^+ | ni i ED Louro | Student Signature Date | | | |
| 101 | al LER Hours 37-34 | | | | |
| *Sel | lect from the University's LER list in the Undergraduate Catalog. | Advisor Signature Date | | | - |
| | ee Undergraduate Catalog for list of courses. | Pate Date | | | |
| NO. | TES | | | | |
| A ~ | inimum of 40 competer hours of upper division sources in required | Revised 7-21-08 | | | |

A minimum of 121 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.



Requirement Sheet

Student Name: Campus:

Bachelor of Radiologic and Imaging Sciences Technology Radiation Therapy (RTH) Concentration for Freshman Entry or Associate of Science Degree Graduat

| | | Fresilliali C | nity of Associate 2008. | -2009 | se Degree | e Graduates | | | | |
|------------------|--|---|---|---------------------------------------|--|--|----------------------------------|----------------------|---|--|
| ε | Detern | | OURSES | All stude course m taken as | nts must cor nust come fro a second LE | REQUIREMENT** inplete a two-course divident in the LER requirement in the LER, within a minor, or as address domestic (US) | it; the se s a gener | cond co ral elect | urse m ive. | |
| G E | ENG 11001 ENG 11002 | Intro. to Coll. Writing S (3) College Writing I – Stretch | *************************************** | One cou | urse must a | address global divers | ity issue | 98 | | |
| □ N | MATH 10031 MATH 10032 MATH 10033 | Fundamentals of Math I Fundamentals of Math II Fundamentals of Math III | 1 | 8. Ass | sociate of S uirement s | Science (32 hours). A heet, Date awarded | Attach p | rogram | | |
| | MATH 10034 MATH 10035 MATH 10036 US 10003 US 10006 | Fundamentals of Math IV Fundamentals of Math V Fundamentals of Math VI Read, Strat, for Coll, Suc. | 1 1 1 3 3 3 3 | | shman Ent | OR - | ectives (| (32 hou | ırs) —— | |
| 1. U | US 10097 | First Year Exp. FLASH Po | int 1 | | | | | | | |
| | LIBERA | L EDUCATION REQUIREM | IENTS | | | | | ************ | | |
| E | | hours) College Writing I College Writing II | 3 | | | ated Courses (6 hours | | ns 3 | | |
| 5 | Select from the | Oritical Reasoning (3-)Choung | | HE | D 14020 | Medical Terminolo | | 3 | | |
| 1 | MATH 11010 | Medeling Algebra (4) Algebra for Calculus 🎾 | 3 | | Course | | | Credit | Sem/ | Grd Qit |
| ٨ | | nd Fine Arts (9 hours) course from Humanities and lory required. | one course from | De Ris Ris Ris Ris Ris | 34004 34008 34030 34083 | RTh Principles/Pra | gement | | Cmpl | 0-4 Pts |
| (| | e (6 hour) be selected from two curricu General Psychology | alar areas 3 | RIS RIS RIS RIS | \$ 44028 \$ 44029 \$ 44038 | RTh Physics II RTh Radiobiology RTh Pathology I RTh Physics III RTh Clinical Educa | | 3 3 3 1 | () () () () () () () () () () | 2 1 |
| h E F | Basic Sciences nours total requ BSCI 20020 PHY 13001 PHY 13021 | General College Physics I | c. 5 | RIS RIS RIS RIS RIS | \$ 44041 \$ 44042 \$ 44043 \$ 44050 | RTh Quality Manag RTh Pathology II RTh Principles/Pra RTh Clinical Educa RTh Clinical Educa | gement ctice III ution III | 3 | 1 | |
| | Additional LER COMM 15000 | 's (6 hours) Intro. to Human Comm. | 3 | RIS | 3 44070 | RTh Clinical Educa ional Level Course | ition V | 39 | i i | SPA |
| | MATH 11012 | Intuitive Calculus | 3 | 11. Red RIS | | ing Intensive Course Research in Med. | lmaging | ; 3 | | ************************************** |
| | LER Hours | | 40-40 | TOTAL | REQUIRE | MENTS | 12 | ′ 1-∱94*′ | | |
| | | ersity's LER list in the <i>Undergra</i> Catalog for list of courses. | duate Catalog. | | | | | - | | |
| | imum of 42 sem | ester hours of upper division co | | Student | Signature | | | Date | | |
| A mini A mini | imum of 121 ser imum of 2.00 ov | nester hours is required for graderall grade point average is required in the professional level | luation, uired | Advisor | Signature | | | Date | | |

Only general elective courses may be taken pass fail.

| | CHEM 10050 Fundamentals of Chemistry (3) | OPTION III |
|-----|--|--|
| | 10052 Introduction to Organic Chemistry (2) | Additional Requirements |
| | 10053 Inorganic and Organic Laboratory (1) | COMT 11000 Introduction to Computer Systems3 |
| | . 10-11 | Associate of Technical Studies in Radiologic Technology 32 |
| | | Lower-division electives |
| | Additional LEA courses | TOTAL 121-122 |
| | Courses must be selected from two categories, above. COMM | |
| | 15000 Introduction to Human Communication and PHIL 11009 | *Course fulfills writing-intensive requirement. |
| | Principles of Thinking may also be taken within this category. | |
| | Diversity Requirement | |
| | Students must complete a two-course diversity requirement, | Rediation Therapy Concentration |
| | consisting of one with a domestic (U.S.) focus and one with a | |
| | global focus: One course must come from the LER; the second | Students eligible for Options I, If or III may enroll in the radiation |
| | course may be taken as a second LER, within a minor or | therapy (RTH) concentration. |
| | as a general elective. A complete list of diversity courses is on | |
| | Pages 89-91. | I. General College or University Requirements |
| II. | Writing-Intensive Course Requirements | US 10097 First Year Experience FLASH Point |
| | Students must complete a one-course writing-intensive require- | II. Liberal Education Requirements |
| | ment and earn minimum C (2.00) grade. This requirement is | A complete list of liberal education requirement (LER) courses is |
| | fulfilled in this concentration with RIS 44098. A complete list of | on Pages 85-87. |
| | writing-intensive courses is on Pages 93-95. | Composition |
| ŧ. | Major Requirements | ENG 11011 College Writing |
| | RIS 44001 Patient Management in Nuclear Medicine 3 | 21011 College Writing II |
| | 44002 Nuclear Medicine Procedures I | Mathematics and Critical Reasoning |
| | 44005 Nuclear Medicine Clinical Education 13 | Cheese from the following: 8-4 |
| | 44006 Nuclear Medicine Physics & Instrumentation 14 | MATH 11909 Modeling Algebra (4) |
| | 44010 Nuclear Medicine Clinical Education II 3 | MATH 11010 Algebra for Calculus (3) |
| | 44011 Nuclear Medicine Radiopharmacy | Humanities and Fine Arts |
| | 44012 Nuclear Medicine Procedures II | Minimum one course from humanities category and minimum |
| | 44014 Nuclear Medicine Physics & Instrumentation II3 | one course from fine arts category. |
| | 44015 Nuclear Medicine Clinical Education III 2 | Social Sciences |
| | 44016 Nuclear Medicine Procedures III | Must be selected from two curricular areas. |
| | 44017 Nuclear Medicine Radiation Safety | PSYC 11762 General Psychology |
| | 44020 Nuclear Medicine Clinical Education IV2 | Social sciences LER course |
| | 44098* Research in Medical Imaging | Basic Sciences |
| | • • | Students must choose the required courses for their option. |
| | OPTION (| Option I or III |
| | Additional Requirements | CHEM 10050 Fundamentals of Chemistry |
| | Technical requirements in radiologic technology | Basic sciences LER course |
| | See requirements under the A.A.S. in radiologic technology | Choose from the following: |
| | program in this Catalog. | CHEM 10031 Chemistry in Our World Laboratory (1) |
| | TOTAL 131-132 | PHY 21041 Physics in Entertainment and the Arts Laboratory (1) |
| | 101RC 101-102 | 7 |
| | OPTION II | Option II |
| | Additional Requirements | BSC1 20020 Biological Structure and Function |
| | COMT 11000 Introduction to Computer Systems | PHY 13001 General College Physics I |
| | HED 14020 Medical Terminology | PHY 13021 General College Physics Laboratory I |
| | Associate of Science electives or freshman entry | 10 |
| | TOTAL 121-123 | |
| | | |

Transmittal Memo

To: EPC

From: Jan Gibson, Director, Radiology Programs, Salem Campus

Date: March 2, 2009

RE: Catalog revision for RIS

Summary Statement:

In the undergraduate catalog, add the following statement in the paragraph under Bachelor of Radiologic and Imaging Sciences Technology.

Students must complete all RIS courses as noted in program requirements with a 2.0 or higher GPA.

Proposal Summary

Title: Academic grade requirement in RIS courses at 2.0 or higher

Subject Specification: This proposal seeks to add that students must receive a grade of 2.0 or higher in all RIS courses, to the undergraduate catalog and requirement sheets in the Bachelor of Radiologic and Imaging Sciences Technology degree concentrations This is to be effective fall 2010.

Background Information: The Bachelor of Radiologic and Imaging Sciences Technology degree concentrations state in the program handbooks that students must receive a grade of 2.0 or higher in all Radiologic and Imaging Sciences (RIS) courses. Students who fail to meet this requirement are dismissed from the program. Students may request re-entry into the program the following year but re-admission is based on previous academic work and possible future success in the program. If a student is re-admitted and fails to receive a grade of 2.0 or better a second time, there will be no re-entry. This proposal seeks to state this in the undergraduate catalog and on requirement sheets.

Alternatives and Consequences: None

Specific Recommendation and Justification: This should be effective fall 2010.

Timetable and Actions Required:

Department Speech Pathology and Audiology College of EHHS EPC Faculty Senate

KENT STATE UNIVERSITY CERTIFICATION OF CURRICULUM PROPOSAL

| | | Preparation Date | e 2-Mar-09 | Curriculum Bulletin |
|--|--|---|-----------------|--|
| | | Effective Date | Fall 2010 | Approved by EPC |
| Department | EHHS | | | |
| College | RC - Regional Ca | mpuses | | |
| Degree | - | rf Radiologic Imagi | ng Sciences | |
| Program Name | | maging Sciences | - | am Code RIS |
| Concentration(s) NMHO, NMFR, RT | CT, DMS, MRI, N AA, RTHB, RTFE, N | | | code(s) RTAS, HATS, FRAS,NMRT |
| Proposal | Revise Program | | | |
| | | | all RIS course | s as noted in program |
| Does proposed rev Current total credit | ision change progra hours: | m's total credit ho Proposed total c | | S ⊠ No |
| | fing considerations; | | | achment and duplication issues; teacher education licensure): |
| Units consulted (ot School of SPA and | ner departments, pr College of EHHS | ograms or campus | ses affected by | y this proposal): |
| The Control of the Co | //// | REQUIRED EN | DORSEMENT | rs |
| [[AM | WANT | | | 3,10,09 |
| Department Chair | School Director / C | ampus Dean | | • |
| υ | | | | / / |
| College Dean | | | | |
| | | | | 1 1 |
| Executive Dean of | Regional Campuses | s / Dean of Gradua | ate Studies | |
| | | | | $t \cdot t$ |
| Senior Vice Preside | ent for Academic Af | fairs and Provost | | |



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Computed Tomography (CT) Concentration for Associate of Applied Science in Radiologic Technology Graduates

| | | | 2008- | -2009 | | | | |
|-----|---|---|---|---|---------------------------|---|----------|-----------------------------------|
| | Determ | MENTAL PRESCRIPTION COUR: nined by Basic Skills Assessment (Check Required Courses) | SES | All students course mus | must con | EQUIREMENT** plete a two-course diversity in the LER requirement; the | second c | ourse may be |
| | Course Dept. Numbe | r <u>Title</u> Hour | it Sem./Yr, s <u>Complete</u> | | | R, within a minor, or as a ge ddress domestic (US) div | | |
| | ENG 11001 ENG 11002 MATH 10031 | | | | | ddress global diversity is: | | |
| 0 | MATH 10032 MATH 10033 | Fundamentals of Math II 1 | | | | ···· | | |
| | MATH 10034 MATH 10035 | Fundamentals of Math IV 1 | | 8. AAS Attack | n Radiok n progran | ogic Technology (54 hour n requirement sheet. | s). | |
| | MATH 10036 US 10003 | Read, Strat. for Coll. Suc. 3 | | Date | awarded | | | |
| | US 10006 | | | 9. Profe | ssional L | evel Courses 🕊 | į | Sem/ |
| ٦, | | First Year Exp. FLASH Point 1 | | | Course Number | | | it Yr. Grd Qity s Cmpl 0-4 Pts |
| 2. | Composition (6 | | | | | CT/MRI Sect. Anatomy CT/MRI Sect. Anatomy | | 2 |
| | | College Writing I 3 College Writing II 3 | | | | Patient Mgmt. in CT CT Procedures | | 3; ; ; |
| 3. | Mathematics, C Select from the | Critical Reasoning (3-4 hours) | | RIS | 44024 44025 | CT Clinical Education I | 3 | 3 |
| | MATH 11009 | Modeling Algebra (4) | | RIS | 44027 44083 44096 | , , , | m. 3 | 3 |
| 4. | Minimum one of Fine Arts categ | nd Fine Arts (9 hours) course from Humanities and one clory required. | | Total | Profess ired Writi | ional Level Course Houng Intensive Course Research in Med. Imag | rs 25 | GPA |
| 5. | *Social Science Courses must l | pe selected from two curricular are | | *************************************** | | Electives (12 hours) | | * |
| 6. | *Basic Science CHEM 10050 | | • | TOTAL R | EQUIREI | MENTS | 132-133 | i. |
| | Select one lab CHEM 10031 PHY 21041 | from Chemistry in our World (1) Phys. in Entertain. & Arts (1) | *************************************** | ************************************** | | | | |
| 7. | | R's (6 hours) ed from two different categories. and PHIL 11009 may also be take | n within this | Student S | ignature | | Date | - |
| | | | *************************************** | Advisor Si | gnature | *************************************** | Date | |
| Tot | al LER Hours | 37-38 | | | | | | |
| | e Undergraduate | ersity's LER list in the Undergraduate (Catalog for list of courses. | Catalog. | *************************************** | | | | |

A minimum of 132 semester notes is required for graduation.

A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses.

Only general elective courses may be taken pass fail.

** Grade of "C" (2.0) or higher in each RIS rounce.

A minimum of 40 semester hours of upper division courses is required. A minimum of 132 semester hours is required for graduation.

Issued by the Office of the Executive Dean for Regional Campuses



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Computed Tomography (CT) Concentration for Hospital-Based Certificate Program and ATS Graduates

| | 4 | | 2008- | 2009 | ŧ | | | | | | | |
|-------|--|--|--------------------------------|-------|--------------------------|----------------------------------|---|---------|----------------------|---|------------------|----------|
| | Determin | INTAL PRESCRIPTION C led by Basic Skills Assessi heck Required Courses) | | All s | tudents se must | must com t come fro | EQUIREMENT** uplete a two-course diversi m the LER requirement; the | ne se | cond co | urse m | e first ay be | <u>.</u> |
| C | | intro, to Coll. Writing S (3) | Credit Sem./Yr. Hours Complete | | | | R, within a minor, or as a didress domestic (US) o | _ | | | | |
| 0 | MATH 10031 I | College Writing I – Stretch Fundamentals of Math I Fundamentals of Math II | 1 | One | cours | e must a | ddress global diversity | ssue | :s | | | - |
| 00000 | MATH 10034 F MATH 10035 F MATH 10036 F US 10003 F | Fundamentals of Math III Fundamentals of Math IV Fundamentals of Math V Fundamentals of Math VI Read. Strat. for Coll. Suc. Study Strat. for Coll Suc. | 1 1 1 3 3 | 8. | Medic (32 hc | al Sonog | c Technology, Nuclear I raphy from hospital-bas ach program requireme | sed o | ertifica | | | |
| 1. | US 10097 F | First Year Exp. FLASH Poi | nt 1 | 9. | | | se from Associate Degr Intro. to Computer Sy | | | | | _ |
| | LIBERAL | EDUCATION REQUIREM | ENTS | 10. | Lower | Division | Electives (9 hours) | | | | | |
| 2. | Composition (6 h ENG 11011 C ENG 21011 C | | 3 3 | | | | | | | | | - - |
| 3. | | tical Reasoning (3-4 hours |) | 11. | Profes | ssional L | evel Courses 🗶 | | | Sem/ | | ; |
| | | Modeling Algebra (4) Algebra for Calculus (3) | | | RIS | Course Number 34084 | CT/MRI Sect. Anatom | | Credit Hours 2 | Cmpl | | |
| 4. | | Fine Arts (9 hours) urse from Humanities and ry required. | one course from | | RIS RIS RIS RIS | 34086 44021 44022 44024 | Patient Managemt, in | CT | 3 3 | † † | | |
| | | | | | RIS RIS RIS | 44025 44027 44083 | CT Clinical Education | 1 [[| 3 3 3 | | - | 1 |
| 5. | | 6 hour) selected from two curricu Seneral Psychology | iar areas | | RIS Total | 44096 Professi | II: in Medical Imaging lonal Level Course Ho | urs | 25 | 4 | SPA | |
| 6. | *Basic Sciences (| | | 12. | | red Writin | ng Intensive Course Research in Med. Ima | | ´ ı 3 | *************************************** | ************ | ~ |
| | CHEM 10050 F | -undamentals of Chem. | 3 | 13. | Upper | Division | Electives (12 hours) | | | | | |
| | | om Chemistry in Our World (1) Phys. in Entertain, & Arts (| | | | | | | | | | - - |
| 7. | | (6 hours) from two different categor d PHIL 11009 may also be | | тот | TAL RE | QUIREN | MENTS | 12 | 2-123 | | | |
| | | | | Stud | dent Si | gnature | , specimens. | | Date | | | |
| Tot | al LER Hours | 3 | 7-38 | | | | | | | | | |
| "Se | e Undergraduate Ca 'ES | ity's LER list in the <i>Undergred</i> atalog for list of courses. ter hours of upper division cou | , | Adv | isor Sig | gnature | , | | Date | | | • |

A minimum of 122 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.



NOTES

A minimum of 41 semester hours of upper division courses is required. A minimum of 133 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses.

Only general elective courses may be taken pass fail.

Grade of "C" (2.0) or higher in each RIS Course.

Issued by the Office of the Executive Dean for Regional Campuses

Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Diagnostic Medical Sonography (DMS) Concentration for Associate of Applied Science in Radiologic Technology Graduates 2008-2009

| | DEVELOPMENTAL PRESCRIPTION COURSES Determined by Basic Skills Assessment (Check Required Courses) | LER DIVERSITY REQUIREMENT** All students must complete a two-course diversity requirement; the sectaken as a second LER, within a minor, or as a general | ond cou | irse m | e first ay be | |
|----------|--|---|----------|-------------|--|------|
| | Course Credit Sem./Yr. Dept. Number Title Hours Complete | · · | | | | |
| L | ENG 11001 Intro. to Coll. Writing S (3) ENG 11002 College Writing I – Stretch (3) 6 | One course must address domestic (US) diversi | ity issu | es | | |
| 0 | MATH 10031 Fundamentals of Math I 1 | One course must address global diversity issues | S | | | |
| | MATH 10032 Fundamentals of Math II 1 | | | | | |
| C C | MATH 10033 Fundamentals of Math III 1 MATH 10034 Fundamentals of Math IV 1 MATH 10035 Fundamentals of Math V 1 | AAS in Radiologic Technology (54 hours). Attach program requirement sheet. | | | | |
| а П | MATH 10036 Fundamentals of Math VI 1 1 US 10003 Read, Strat. for Coll. Suc. 3 US 10006 Study Strat. for Coll. Suc. 3 | Date awarded | | | | |
| C | US 10006 Study Strat. for Coll. Suc. 3 | 9. Professional Level Courses ₩ | | | | |
| 1. | US 10097 First Year Exp. FLASH Point 1 | Course | Credit | Sem/ Yr. | Grd | Qltv |
| | LIBERAL EDUCATION REQUIREMENTS | Dept. Number Title | Hours | Cmpl | 0-4 | Pts. |
| 2. | Composition (6 hours) | RIS 34042 Abdominal Sonography I RIS 34044 US Physics & Instrument. | 3 | | - | |
| | ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | RIS 34045 US Clinical Education I | 2 | | <u> </u> | |
| | ENG 21011 College Writing II 3 | RIS 34052 Abdominal Sonography II | 3 | | } | |
| 3. | Mathematics, Critical Reasoning (3-4 hours) | RIS 34055 US Clinical Education II RIS 34062 OB-Gyn Sonography I | 3 | | - | |
| | Select from the following | RIS 34062 OB-Gyn Sonography I RIS 34065 US Clinical Education III | 2 | | ; | |
| | MATH 11009 Modeling Algebra (4) MATH 11010 Algebra for Calculus (3) | RIS 34082 Small Parts Sonography | 1 | | - | |
| | MATTER TOTAL Algebra to Calculus (5) | RIS 34083 Sectional Anatomy | 3 | | 1 | |
| 4. | *Humanities and Fine Arts (9 hours) | RIS 44072 OB-Gyn Sonography II | 3 | | : : | |
| | Minimum one course from Humanities and one course from | RIS 44074 Vascular Sonography RIS 44075 US Clinical Education IV | 3 | | : | |
| | Fine Arts category required. | RIS 44083 Pathophysiology/Med. Im. | 3 | | : | |
| | | RIS 44084 US Image Evaluation | 1 | | | |
| | | RIS 44085 US Clinical Education V | 3 | | | |
| 5. | *Social Science (6 hour) Courses must be selected from two curricular areas PSYC 11762 General Psychology 3 | Total Professional Level Course Hours 10. Required Writing Intensive Course | 38 | G | SPA_ | |
| | | RIS 44098 Research in Med. Imaging | 3 | | | |
| 6. | *Basic Sciences (6-7 hour) CHEM 10050 Fundamentals of Chem. 3 | TOTAL REQUIREMENTS 133 | 3-134 | | | |
| | Select one lab from CHEM 10031 Chemistry in our World (1) PHY 21041 Phys. in Entertain. & Arts (1) | | | | | |
| 7. | *Additional LER's (6 hours) Must be selected from two different categories. COMM 15000 and PHIL 11009 may also be taken within this | | Date | | | |
| | category. | Advisor Signature | Date | | | |
| . | 27.20 | | | | | |
| *Se | tal LER Hours 37-38 lect from the University's LER list in the Undergraduate Catalog. see Undergraduate Catalog for the list of courses. | | | | | |



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology Diagnostic Medical Sonography (DMS) Concentration for

| dion | а Сатрана | Hospital-Ba | sed Certificate F 2008 | | | d ATS | Graduates | ì | | | | | |
|-----------|---|---|--|----------------------|----------------------------------|--|---|---|---|--|-----------|--------|--------|
| 000000000 | Determ Course Dept Numbe ENG 11001 | r Title Intro. to Coll. Writing S (3) College Writing I Stretch Fundamentals of Math I Fundamentals of Math II Fundamentals of Math III Fundamentals of Math IV Fundamentals of Math V Fundamentals of Math V Read. Strat. for Coll. Suc. | OURSES ment Credit Sem./Yr. Hours Complete | All s cou take | e cours cours ATS I Medic (32 he | must core at come fro second LE se must a se must a Radiological Sonog | m the LER r ER, within a r address dor address glol ic Technolo graphy from ach prograi | ENT** course diversi equirement; the ninor, or as a second diversity in gy, Nuclear I hospital-base m requireme | ne ser gener livers issue Medi sed c | cond coral elect | ues Diagr | nay be | |
| IJ 1. | | Study Strat. for Coll. Suc. First Year Exp. FLASH Pol | | 9. | | | se from ass | sociate degre Computer Sy | ee | ie 3 | | | |
| 2. | Composition (6 | L EDUCATION REQUIREM hours) College Writing I | ENTS 3 | 10. | | r Divísior | Electives | | | | | | - - |
| 3. 4. | Mathematics, C Select from the MATH 11009 MATH 11010 | • • | | 1.1. | | Course Number | Abdomina US Physic US Clinic Abdomina US Clinic | al Sonograph cs & Instrume al Education of Sonograph al Education Sonography I | ent. I Iy II | Credit Hours 3 3 2 2 3 | Cmpl | Grd | |
| 5. | | e (6 hour) be selected from two curricu General Psychology | lar areas 3 | | RIS RIS RIS RIS RIS | 34065 34082 34083 44072 44074 44075 | Small Par Sectional OB-Gyn S Vascular | al Education ts Sonograp Anatomy Sonography I Sonography al Education | hy I | 2 1 3 3 2 2 | | | 1 |
| 6. | *Basic Science CHEM 10050 | s (6-7 hour) Fundamentals of Chem. | 3 | | RIS RIS RIS | 44083 44084 44085 | Pathophy US Image | siology/Med. Evaluation al Education | lm. | 3 1 3 | | | |
| 7. | *Additional LEF Must be selecte COMM 15000 a | Chemistry in our World (1) Phys. in Entertain. & Arts (| 1 <u>) </u> | | Total Requ RIS | Profess ired Writi | lonal Leve ng Intensiv Research | l Course Ho | urs aging | 38 | | SPA_ | |
| Tot | category. tal LER Hours | | 7-38 | Stu | dent S | gnature | · | | · | Date | ···· | | |
| *Se | lect from the Unive | ersity's LER list in the Undergrad | | Adv | isor Si | gnature | ······································ | | | Date | | | |

**See Undergraduate Catalog for list of courses.
NOTES

A minimum of 41 semester hours of upper division courses is required. A minimum of 121 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses.

Only general elective courses may be taken pass fail.

**Grade of "C" (2.0) or higher in tech RIS course.

Issued by the Office of the Executive Dean for Regional Campuses



| Reau | iirer | nen | t.S | heel |
|------|-------|-----|-----|------|
| | | | | |

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology Diagnostic Medical Sonography (DMS) Concentration for

| DEVELOPMENTAL PRESCRIPTION COURSES Determined by Basic Skills Assessment (Check Required Courses) Course Dept. Number Title ENG 11001 Intro. to Coll. Writing S (3) DEVELOPMENTAL PRESCRIPTION COURSES LER DIVERSITY REQUIREMENT. All students must complete a two-course course must come from the LER require taken as a second LER, within a minor. One course must address domestic | se diversity requirement. The first rement; the second course may be r, or as a general elective ic (US) diversity issues |
|--|--|
| (Check Required Courses) Course Course Credit Sem./Yr. Dept. Number Title FNG 11001 Intro to Coll Writing S (3) Course ourse must come from the LER require taken as a second LER, within a minor. One course must address domestic | rement; the second course may be r, or as a general elective ic (US) diversity issues |
| Course Credit Sem./Yr. Dept. Number Title Hours Complete PENG 11001 Intro to Coll Writing S (3) | ic (US) diversity issues |
| B ENG 11001 Intro. to Coll. Writing S (3) | |
| ENG 11002 College Writing I – Stretch (3) 6 One course must address global di | |
| MATH 10032 Fundamentals of Math II 1 8. Associate of Science (31 hours MATH 10033 Fundamentals of Math III 1 requirement sheet. Date awar | rded |
| MATH 10034 Fundamentals of Math IV 1 | |
| MATH 10035 Fundamentals of Math V 1 Freshman Entry Lower Divisio MATH 10036 Fundamentals of Math VI 1 Freshman Entry Lower Divisio US 10003 Read. Strat. for Coll. Suc. 3 Fundamentals of Math VI 1 Freshman Entry Lower Divisio | |
| 1. US 10097 First Year Exp. FLASH Point 1 | |
| LIBERAL EDUCATION REQUIREMENTS | |
| 2. Composition (6 hours) ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 9. Required Related Courses (9) | hours) |
| 3. Mathematics, Critical Reasoning (3-4 hours) COMT 11000 Intro. to Comp. Select from the following HED 14020 Medical Term. | puter Systems 3 ninology 3 to Patient Care 3 |
| 4. *Humanities and Fine Arts (9 hours) Minimum one course from Humanities and one course from Fine Arts category required. ——————————————————————————————————— | Instrument. 3 ducation I 2 |
| 5. *Social Science (6 hour) Courses must be selected from two curricular areas PSYC 11762 General Psychology 3 RIS 34065 US Clinical Ed RIS 34065 US Clinical Ed RIS 34085 US Clinical Ed RIS 34082 Small Parts Sc RIS 34082 Small Parts Sc RIS 34083 Sectional Anat RIS 44072 OB-Gyn Sonog | ography I 3 ducation III 2 donography 1 ducation III 2 donography 1 dutomy 3 donography 1 donogr |
| 6. Basic Sciences (6-7 hour minimum required by LER; 10 RIS 44074 Vascular Sono hours total required by program) RIS 44075 US Clinical Ed RIS 44083 Pathophysiological Structure & Func. 5 RIS 44074 Vascular Sono RIS 44075 US Clinical Ed RIS 44083 Pathophysiological Structure & Func. 5 RIS 44074 Vascular Sono RIS 44075 US Clinical Ed RIS 44083 Pathophysiological Structure & Func. 5 RIS 44075 US Clinical Ed RIS 44083 Pathophysiological Structure & Func. 5 RIS 44084 Pathophysio | ography 2 |
| PHY 13021 Gen. College Physics I Lab 1 RIS 44085 US Clinical Ed | ducation V 3 |
| 7. *Additional LER's (6 hours) Must be selected from two different categories. COMM 15000 and PHIL 11009 may also be taken within this category. Total Professional Level Council 11. Required Writing Intensive Council 12. Required Writing Intensive Council 13. Required Writing Intensive Council 14. Required Writing Intensive Council 15. Required Writing Intensive C | purse |
| TOTAL REQUIREMENTS | 121-123 |
| Total LER Hours 41-42 Student Signature | Date |
| *Select from the University's LER list in the Undergraduate Catalog. **See Undergraduate Catalog for list of courses. NOTES A minimum of 41 semester hours of upper division courses is required. | Date |

A minimum of 12 semester hours is required for graduation.
A minimum of 2.00 overall grade point average is required.
A minimum of 2.75 is required in the professional level courses.
Only general elective courses may be taken pass fail.

* Grade of "C" (2.0) or higher in each RIS course.

Issued by the Office of the Executive Dean for Regional Campuses



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Magnetic Resonance Imaging (MRI) Concentration for

| ional | Сагариян | • | Associate of App | | Radiologic -2009 | Technol | logy Graduates | 5 | | | |
|----------|--------------------------------------|----------------------------------|---|--------------------------------|---------------------------------------|---|--|--------------------------------------|-------------------------|--|--|
| | Dept. | Determ (Course Number | | OURSES | All studen course mu taken as a | ts must con ust come fro usecond LE | EQUIREMENT** nplete a two-course om the LER requirer R, within a minor, of ddress domestic | ment; the se or as a gene | cond cot ral electiv | irse ma ve. | first ay be |
| | MATH MATH MATH MATH MATH | 11002 10031 10032 10033 | Intro. to Coll. Writing S (3) College Writing I – Stretch Fundamentals of Math I Fundamentals of Math II Fundamentals of Math III Fundamentals of Math IV Fundamentals of Math V Fundamentals of Math V Read. Strat. for Coll. Suc. Study Strat. for Coll. Suc. | (3) 6 | 8. AAS Atta | in Radioloch prograr | ddress global div ogic Technology (n requirement sh | ersity issue (54 hours). eet. | es | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | THE STATE OF THE S |
| · 1. | US - | 10097 | First Year Exp. FLASH Po | int 1 | | Course | | | Credit | Sem/ Yr. | Grd Q |
| | | LIBERA | L EDUCATION REQUIREM | | Dep RIS RIS | t. Number 34084 | Title CT/MRI Sect. A CT/MRI Sect. A | | Hours 2 | | 0-4 Pt |
| 2. | ENG | osition (6 11011 21011 | hours) College Writing I College Writing II | 3 | RIS RIS | 44035 44036 | MRI Clinical Ed MRI Clinical Ed | ucation I lucation II | 3 | | |
| 3. 4. | Select MATH MATH | from the 11009 11010 | Critical Reasoning (3-4 hours following Modeling Algebra (4) Algebra for Calculus (3) and Fine Arts (9 hours) | | RIS | 44044 44045 44051 44052 | MRI Procedure MRI Procedure MRI Equip/Img | s I s II . Acq. I . Acq. II | 2 2 2 2 3 | 1 | |
| | Minimu Fine A | um one c rts categ | course from Humanities and ory required. | | Tot | al Profess | ional Level Cou | rse Hours | 27 | G | GPA |
| | | | | | 10. Red RIS | uired Writ 44098 | ing Intensive Cou Research in M | irse ied Imagin | g 3 | | |
| 5. | Course | es must l | e (6 hour) be selected from two currice General Psychology | ular areas | | | n Electives (9 hou | | | | |
| 6. | | | es (6-7 hour) Fundamentals of Chem. | 3 | TOTAL | REQUIRE | MENTS | 1: | 31-132 | | |
| | CHEM | | from Chemistry in our World (1 Phys. in Entertain, & Arts | | | | | | | | |
| 7. | Must b | oe select // 15000 | R's (6 hours) ed from two different catego and PHIL 11009 may also b | ories. Se taken within this | Student | Signature | | | Date | ······································ | |
| | | | | | Advisor | Signature | | | Date | | *************************************** |
| Tot | tal LER | Hours | | 37-38 | | | | | | | |

"Select from the University's LER list in the Undergraduate Catalog. "See Undergraduate Catalog for list of courses.

A minimum of 39 semester hours of upper division courses is required. A minimum of 131 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.

issued by the Office of the Executive Dean for Regional Campuses * Grade of "C" (2.0) or higher in tach RIS course.



| Da. | | Shee |
|-----|------|------|
| | | |

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Magnetic Resonance Imaging (MRI) Concentration for Hospital-Based Certificate Program and ATS Graduates

2008-2009 **DEVELOPMENTAL PRESCRIPTION COURSES** LER DIVERSITY REQUIREMENT

| | | nined by Basic Skills Assess (Check Required Courses) | ment | cour | se must | come fro | nplete a two-course dive | ; the se | econd co | urse m | | |
|----------|---------------------------|---|---|-------|----------------|---|--|------------------|-----------------------|----------|--------------|--------------|
| | Course | | Credit Sem./Yr. | taker | n as a se | econd LE | R, within a minor, or as | a gene | eral elect | ive.* | · | |
| - | Dept. Number ENG 11001 | <u>r_Title</u> Intro. to Coll, Writing S (3) | Hours Complete | One | course | e must a | ddress domestic (US |) dive | rsity issi | Jes | | |
| C. | ENG 11001 | | | | | | | | | | | • |
| | MATH 10031 | Fundamentals of Math I | 1 | One | course | e must a | ddress global diversit | y issu | es | | | |
| ш | MATH 10032 | | 1 | { | | | *************************************** | | | | | - |
| C D | MATH 10033 MATH 10034 | | 1 | 8. | ATS R | adiologi | c Technology, Nuclea | r Med | licin e or | Diagr | nostic | \$ |
| 0 | MATH 10034 | | 1 | | Medica | al Sonog | raphy from hospital-b | ased | certifica | | | |
| C | MATH 10036 | | 1 | } | (32 ho | urs). Att | ach program requiren | nent s | heet. | | | |
| | US 10003 | | 3 | | Data a | warded | | | | | | |
| G | US 10006 | Study Strat. for Coll. Suc. | 3 | } | Date a | warded | ************************************** | | | | | |
| 1. | US 10097 | First Year Exp. FLASH Po | int 1 | 9. | Requir COMT | ed cours | se from Associate De Intro. to Computer | gree (Syster | 3 hours |) | | _ |
| | LIBERA | L EDUCATION REQUIREM | TENTS | 4.0 | | 5 5.3.1 | Ft. (0.1) | | | | | |
| 'n | Commonstation (C | . h | | 10. | Lower | | Electives (9 hours) | | | | | |
| 2. | Composition (6 | College Writing I | 3 | | | | | | | | | - |
| | ENG 21011 | College Writing II | 3 | | | | | | | | | - + |
| | | · · | - | 1 44 | Deofoo | oional L | avai Cauraaa Me | | | | | |
| 3. | | Critical Reasoning (3-4 hours | | 1 11 | rioles | Sionar L | evel Courses 🕊 | | ; | :Sem/ | ; | |
| | | following Modeling Algebra (4) | | | | Course | | | Credit | | | |
| | | Algebra for Calculus (3) | | | | Number | | I | Hours | | 10-4 | Pts |
| | | | | | | 34084 34086 | | | 2 | | | |
| 4. | | d Fine Arts (9 hours) | | Į | | 44031 | | | 3 | | - | <u> </u> |
| | | course from Humanities and | one course from | | | 44035 | MRI Clinical Educati | | 3 | | ! | <u> </u> |
| | Fine Arts categ | • | | | RIS | 44037 | MRI Clinical Educati | ion III | 3 | | 1 | |
| | | | | ĺ | | 44036 | MRI Clinical Educati | ion II | 3 | | - | - |
| | | | | Ì | | 44044 | MRI Procedures I | | 2 | | | - |
| | | | | | | 44045 | MRI Procedures II | | 2 | | | - |
| 5. | *Social Science | | | | | 44051 | MRI Equip/Img. Acq | | 2 | | - | <u>-</u> - |
| | | be selected from two curricu | | | | 44052 44083 | MRI Equip/img. Acq Pathophysiology/Me | | 3 | | - | ; |
| | F310 11702 | General Psychology | 3 | | 1110 | 44000 | r atriophlysiology/ivic | M. IIII | <u> </u> | <u> </u> | <u>-</u> | <u>-</u> |
| | | | | 1 | Total F | ² rofessi | ional Level Course F | lours | 27 | G | PA_ | |
| 6. | *Basic Sciences | | • | 10 | Danis | | (| | | | | |
| | Chem 10050 | Fundamentals of Chem. | 3 | | RIS | | ng Intensive Course Research in Med. Ir | nagin | a 3 | | | |
| | Select one lab t | from | | | ,0 | 74000 | Tresearch in Med. 1 | ilagii i | 9 0 | | | • |
| | CHEM 10031 | Chemistry in our World (1) | | 13. | Upper | Division | Electives (9 hours) | | | | | |
| | PHY 21041 | Phys. in Entertain. & Arts (| 1) | | | | | | | | | - |
| 7 | *Additional LER | o /6 hours) | | | | | | | | | | |
| f. | | ed from two different categor | ries. | | | *************************************** | | | | | | • |
| | | and PHIL 11009 may also be | | TOT | AL RE | QUIREN | MENTS | 12 | 21-122 | | | |
| | category. | • | | | | | | | | | | |
| | | | *************************************** | Stud | dent Sig | ınature | | | Date | | | |
| Tof | tal LER Hours | ; | 37-38 | | | | NAME OF THE OWNER O | | | | ,,,,,,,,,,, | _ |
| • • | land from His 1811 | Linear FD Barton Co. C | | Advi | isor Sig | nature | | | Date | | | |
| | | ersity's LER list in the <i>Undergrad</i> Catalog for list of courses. | uate Catalog, | | | | | | | | | |

A minimum of 39 semester hours of upper division courses is required.

A minimum of 121 semester hours is required for graduation.

A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.

Issued by the Office of the Executive Dean for Regional Campuses



Requirement Sheet

| Student Name: | |
|---------------|--|
| Campus: | |

Grd | Qity Cmpl 0-4 Pts.

Bachelor of Radiologic and Imaging Sciences Technology

Nuclear Medicine (NM) Concentration for

| | Associate of A | pplied Science in | | Techno | logy Graduates | | | |
|--------|--|---|-----------------------|---------------------------|--|----------|------------|----------|
| | DEVELOPMENTAL PRESCRIPTION Determined by Basic Skills Asses (Check Required Courses) Course | COURSES | All student course mu | s must con st come fro | REQUIREMENT** Inplete a two-course diversity re In the LER requirement; the se IR, within a minor, or as a gene | cond cou | irse m | |
| | Dept. Number Title ENG 11001 Intro. to Coll. Writing S (3) | Hours Complete 3) | Ì | | address domestic (US) diver | | | |
| | ENG 11002 College Writing I – Stretc MATH 10031 Fundamentals of Math I | ch (3) 6 | One cour | se must a | address global diversity issu | es | | |
| | MATH 10032 Fundamentals of Math II | 1 | | | , | ~ | | |
| ᄄ | MATH 10033 Fundamentals of Math II | | 8 AAS | in Radiol | ogic Technology (54 hours). | | | |
| D D | MATH 10034 Fundamentals of Math IN MATH 10035 Fundamentals of Math V | | | | n requirement sheet. | | | |
| | MATH 10036 Fundamentals of Math V | | | | | | | |
| | US 10003 Read, Strat. for Coll, Suc | 3 | Date | awarded | | - | | |
| | US 10006 Study Strat. for Coll. Suc | 3 | 9. Profe | essional L | evel Courses # | | | |
| 1. | US 10097 First Year Exp. FLASH F | Point 1 | | | , | | Sem/ | |
| | | | Dent | Course Number | Titla | Credit : | | Grd |
| | LIBERAL EDUCATION REQUIRE | MENTS | RIS | | NM Patient Management | 3 ! | DINPI. | 10.4 |
| 2. | Composition (Chaum) | | RIS | 44002 | | 3 | | : ; |
| ٨. | Composition (6 hours) ENG 11011 College Writing | 3 | RIS | | NM Clinical Education I | 3 : | | ; ; |
| | ENG 21011 College Writing II | 3 | RIS | | NM Physics/Instrument. I | 4 | | |
| | | Annual Communication of the Parket Street | RIS RIS | | NM Clinical Education II | 3 | | <u> </u> |
| 3. | | ırs) | 1 | | NM Radiopharmacy NM Procedures II | 3 | | - |
| | Select from the following MATH 11009 Modeling Algebra (4) | | RIS | 44014 | NM Physics/Instrument. II | | | |
| | MATH 11010 Algebra for Calculus (3) | | RIS | | NM Clinical Education III | 2: | | - |
| | | | RIS | | NM Procedures III | 3 | | |
| 4. | | | RIS | | NM Radiation Safety | 3 | | |
| | Minimum one course from Humanities an | d one course from | RIS | 44020 | NM Clinical Education IV | 2 | | - |
| | Fine Arts category required. | | Total | Droface | ional Level Course Hours | 36 | G | SPA_ |
| | | | 1000 | 1101633 | ional Level Course Hours | 30 | ٠ | 21 M_ |
| | | | 10. Requ | ired Writi | ng Intensive Course | | | |
| _ | | | RIS | 44098 | Research in Med. Imaging | ј 3. | | |
| 5. | *Social Science (6 hour) Courses must be selected from two currie | nular arma | TOTALR | FOLUBEI | HENTO 40 | 1-132 | | |
| | PSYC 11762 General Psychology | 3 | IOIALN | EQUINE | aenio 12 | 114122 | | |
| 6. | *Basic Sciences (6-7 hour) CHEM 10050 Fundamentals of Chem. | 3 | Student S | ianature | | Date | , <u>.</u> | · |
| | | | | J | | | | |
| | Select one lab from | | | | | | | |
| | CHEM 10031 Chemistry in our World (*PHY 21041 Phys. in Entertain. & Arts | 1) 5 (1 <u>)</u> | Advisor S | ignature | | Date | | |
| 7. | *Additional LER's (6 hours) | | | | | | | |
| | Must be selected from two different categ COMM 15000 and PHIL 11009 may also category. | ories. be taken within this | | | | | | |
| Tot | al LER Hours | 38-39 | **** | | | | | |
| *Sel | lect from the University's LER list in the <i>Undergr</i> se <i>Undergraduate Catalog</i> for list of courses. FES | aduate Catalog. | | | | | | |

A minimum of 39 semester hours of upper division courses is required.

A minimum of 131 semester hours is required for graduation.

A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses.

Only general elective courses may be taken pass fail.

Grade of the Executive Dean for Regional Campuses



Reginard Commune

Requirement Sheet

| tudent Name: | |
|--------------|--|
| ampus: | |

Date

Bachelor of Radiologic and Imaging Sciences Technology

Nuclear Medicine (NM) Concentration for

| 18-1- | Hospital-Based Certificate I | Progra: -2009 | | d ATS C | Graduates | | | | | |
|--------|--|--------------------------------|---|--|---|--|----------------------------|---|--|---|
| 200000 | DEVELOPMENTAL PRESCRIPTION COURSES Determined by Basic Skills Assessment (Check Required Courses) Course Course Credit Sem./Yr. Hours Complete ENG 11001 Intro. to Coll. Writing S (3) ENG 11002 College Writing I – Stretch (3) 6 MATH 10031 Fundamentals of Math I 1 MATH 10032 Fundamentals of Math II 1 MATH 10033 Fundamentals of Math III 1 MATH 10034 Fundamentals of Math IV 1 MATH 10035 Fundamentals of Math IV 1 MATH 10035 Fundamentals of Math V 1 | LER All st cours taker One One | DIVEI udents se must as a s course course ATS F Medic. | must come from the cond LE e must a e must a e must a e must a cadiologial Sonog | requirement* applete a two-course diversom the LER requirement; R, within a minor, or as a ddress domestic (US) ddress global diversity c Technology, Nuclea graphy from hospital-b | the sec a gener divers y issue r Media ased c | cond coral elect | urse milive. ues | nay be | |
| 0 0 | MATH 10036 Fundamentals of Math VI 1 US 10003 Read. Strat, for Coll. Suc. 3 US 10006 Study Strat, for Coll. Suc. 3 | | | ours). Att | ach program requirem | | | | | |
| 1. | US 10097 First Year Exp. FLASH Point 1 | | | | se from Associate Dec Intro. to Computer S | | | | | ~ |
| | LIBERAL EDUCATION REQUIREMENTS | 10. | Lower | Division | Electives (9 hours) | | | | | |
| 2. | Composition (6 hours) ENG 11011 College Writing I 3 ENG 21011 College Writing II 3 | | | | | | | | | |
| 3, | Mathematics, Critical Reasoning (3-4 hours) Select from the following MATH 11009 Modeling Algebra (4) MATH 11010 Algebra for Calculus (3) | 11. | Dept. | Course Number 44001 | evel Courses - | | Credit Hours 3 | Cmpf | Grd | |
| 4. | *Humanities and Fine Arts (9 hours) Minimum one course from Humanities and one course from Fine Arts category required. | | RIS RIS RIS | 44002 44005 44006 44010 44011 | NM Procedures I NM Clinical Educatio NM Physics/Instrume NM Clinical Educatio NM Radiopharmacy | ent. I | 3 3 4 3 4 | 1 | | |
| 5. | *Social Science (6 hour) Courses must be selected from two curricular areas PSYC 11762 General Psychology 3 | | RIS RIS RIS | 44012 44014 44015 44016 44017 44020 | NM Procedures II NM Physics/Instrume NM Clinical Educatio NM Procedures III NM Radiation Safety NM Clinical Educatio | in III n | 3 3 2 3 3 3 | 1 | | |
| 6. | *Basic Sciences (6-7 hour) CHEM 10050 Fundamentals of Chem. 3 | | | | onal Level Course H | ours | 36 | G | SPA_ | |
| | Select one lab from CHEM 10031 Chemistry in our World (1) PHY 21041 Phys. in Entertain. & Arts (1) | | RIS | | ng Intensive Course Research in Med. In MENTS | | 3 1-122 | *************************************** | | |
| 7. | *Additional LER's (6 hours) Must be selected from two different categories. COMM 15000 and PHIL 11009 may also be taken within this category. | Stud | ent Siç | gnature | | | Date | · · · · · · · · · · · · · · · · · · · | The state of the s | |

Advisor Signature

Total LER Hours

A minimum of 39 semester hours of upper division courses is required. A minimum of 121 semester hours is required for graduation. A minimum of 2.00 overall grade point average is required. A minimum of 2.75 is required in the professional level courses. Only general elective courses may be taken pass fail.

37-38

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* Grade of "C" (20) or higher in each RIS course.

^{*}Select from the University's LER list in the *Undergraduate Catalog*.
**See *Undergraduate Catalog* for list of courses.
NOTES



Reginnal Compuses

| 1 | R | _ | ر. ا | ıi | re | m | ۵ | nt | S | 'n | م | ۵ |
|---|-----|---|---------|----|----|----|----|-----|---|----|---|---|
| | · • | ᆫ | ŒΙ | u | | 11 | 10 | 111 | | , | | c |

| Student Name: | |
|---------------|--|
| Campus: | |

Bachelor of Radiologic and Imaging Sciences Technology

Nuclear Medicine (NM) Concentration for Freshman Entry or Associate of Science Degree Graduates 2008-2009

DEVELOPMENTAL PRESCRIPTION COURSES

| | Determined by Basic Skills Assessme | ent | | tudents must complete a two-c se must come from the LER re |
|-----|--|---|------|---|
| | (Check Required Courses) Course C | redit Sem./Yr. | | n as a second LER, within a mi |
| | | ours Complete | One | course must address dom- |
| | ENG 11001 Intro. to Coll. Writing S (3) | 2200.00 | | |
| | ENG 11002 College Writing I - Stretch (3 |) 6 | One | course must address globa |
| | MATH 10031 Fundamentals of Math I | 1 | | |
| | MATH 10032 Fundamentals of Math II | 1 | | |
| | MATH 10033 Fundamentals of Math III | 1 | 8. | Associate of Science (35 h |
| | MATH 10034 Fundamentals of Math IV | 1 | | requirement sheet. Date a |
| | MATH 10035 Fundamentals of Math V | 1 | | Freshman Entry Lower Div |
| | MATH 10036 Fundamentals of Math VI | 1 | | |
| | US 10003 Read. Strat. for Coll. Suc. | 3 | | |
| | US 10006 Study Strat. for Coll. Suc. | 3 | | |
| 1. | US 10097 First Year Exp. FLASH Point | 1 | | |
| | LIBERAL EDUCATION REQUIREMEN | NTS | | |
| 2. | Composition (6 hours) | | | |
| | ENG 11011 College Writing I | 3 | | |
| | ENG 21011 College Writing II | 3 | | |
| 3. | Mathematics, Critical Reasoning (3-4 hours) | | | |
| | Select from the following | 1 | | |
| | MATH 11009 Modeling Algebra (4) | | 9. | Required Related Courses |
| | MATH 11010 Algebra for Calculus (3) | *************************************** | Ð. | COMT 11000 Intro. to C |
| | and the second second second | | | HED 14020 Medical To |
| 4. | *Humanities and Fine Arts (9 hours) | | 10 | Professional Level Courses |
| | Minimum one course from Humanities and on | e course from | | 1.4.044.0110, 20,07.04.04.00 |
| | Fine Arts category required. | | | Course |
| | | | | Dept. Number Title |
| | | | | RIS 44001 NM Patient |
| | - | | | RIS 44002 NM Proced |
| 5. | *Social Science (6 hour) | | | RIS 44005 NM Clinica |
| 0. | Courses must be selected from two curricular | areas | | RIS 44006 NM Physic |
| | PSYC 11762 General Psychology | 3 | | RIS 44010 NM Clinica |
| | one of the conclusion by analogy | · | | RIS 44011 NM Radion |
| | | | | RIS 44012 NM Proced |
| 6. | Basic Sciences (6-7 hour minimum required b | v I FR 10-11 | | RIS 44014 NM Physic |
| • | hours total required by program) | , | | RIS 44015 NM Clinica |
| | BSCI 20020 Biological Structure & Func. | 5 | | RIS 44016 NM Proced |
| | Choose one group from the following | | | RIS 44017 NM Radiat |
| | CHEM 10054 Gen/Elem, Organ, Chem. (5) | | | RIS 44020 NM Clinica |
| | OR | | | Total Professional Level |
| | CHEM 10050 Fundamentals/Chem (3) | | | |
| | CHEM 10052 Intro to Organic Chem. (2) _ | | 11. | Required Writing Intensive |
| | CHEM 10053 Inorganic/Organ, Lab (1) | | | RIS 44098 Research |
| 7. | *Additional LER's (6 hours) | | TOT | AL REQUIREMENTS |
| • • | Must be selected from two different categories. | | | THE THE WORTH LINE IN THE |
| | COMM 15000 and PHIL 11009 may also be taken v | within this | | |
| | category. | - | Stuc | lent Signature |
| | | | ~ | |
| | | | | |
| To | al LER Hours 41- | A3 | Adv | isor Signature |
| | lect from the University's LER list in the Undergradua | | | |
| **S | see Undergraduate Catalog for list of courses. | Juliany. | | |
| | TES | | | |
| | inimum of 39 semester hours of upper division cours | | | |
| Αm | inimum of 121 semester hours is required for gradua | tion. | | |

| All s cour take | tudents se must n as a s | must com come fro econd LE | EQUIREMENT** piete a two-course divers m the LER requirement, t R, within a minor, or as a ddress domestic (US) | the sec gener | cond co al elect | urse m ive. | | |
|-----------------------|---|---|---|---|--|----------------|---------------|-------------|
| One | course | e must a | ddress global diversity | issue | ·s | ************ | - | ••• |
| 8. | | | cience (35 hours). Atta eet. Date awarded - OR - | | | | | - |
| | Fresh | man Entr | y Lower Division Elect | ives (| 35 hou —— | irs) —— | | - |
| | | | | | | | | - |
| | | | | | | | | - - - |
| | | | | | | | | - |
| _ | | | | | | | | - |
| 9. 10. | COMT HED | 11000 14020 | ed Courses (6 hours) Intro. to Computer S Medical Terminology evel Courses # | ystem | s 3 3 | | | - - |
| | Dept. RIS RIS RIS RIS RIS RIS RIS RIS RIS RIS | Course Number 44001 44002 44005 44010 44011 44012 44014 44015 44016 44017 44020 | Title NM Patient Managem NM Procedures I NM Clinical Education NM Physics/Instrume NM Clinical Education NM Radiopharmacy NM Procedures II NM Physics/Instrume NM Clinical Education NM Procedures III NM Radiation Safety NM Clinical Education onal Level Course Ho | n I ent. (n II ent. II n III | Credit Hours 3 3 3 4 4 3 3 4 4 3 3 2 2 3 3 3 2 3 6 | Cmpl | Grd | |
| 11. | | | ig Intensive Course Research in Med. Im | aging | 3 | | | _ |
| TOT | | QUIREM | | | 1-123 | | | |
| Stud | dent Sig | gnature | _ | | Date | | | - |
| Advisor Signature | | | | Date | | | | |

A minimum of 121 semester hours is required for graduation.

A minimum of 2.00 overall grade point average is required.

A minimum of 2.75 is required in the professional level courses.

Only general elective courses may be taken pass fall.

**Crade of "C" (2.0) or higher in each RIS Course.

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