

Academic Council Minutes

March 22, 2023

Midwestern State University

The Academic Council met Wednesday, March 22, 2023 at 2:00 p.m. in the Dillard College of Business Administration, the Priddy Conference Room.

Voting Members:

Dr. Sarah Cobb, Interim Dean, McCoy College of Science, Mathematics, and Engineering
Ms. Leah Gose, Interim Dean, Lamar D. Fain College of Fine Arts (absent; voted electronically)
Dr. Matthew Capps served as proxy for Dr. Leann Curry, Dean, Gordon T. and Ellen West College of Education
Dr. Jeff Killion, Dean, Robert D. and Carol Gunn College of Health Sciences and Human Services
Dr. Jeff Stambaugh, Dean, Dillard College of Business Administration
Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences
Dr. Tiffany Ziegler, Interim Dean, Dr. Billie Doris McAda Graduate School
Dr. Dawn Slavens, Faculty Senate Vice Chair
Mr. Eric Queller, Student Government Association (absent from meeting)

Other Attendees:

Dr. Kristen Garrison, Associate Vice President for Academic Affairs
Ms. Amanda Raines, Registrar
Mr. Kenley O'Brien, Assistant Registrar
Ms. Leah Hickman, Director, Processing and Operations for Admissions
Ms. Cortny Bates, University Librarian, Moffett Library

Dr. Margaret Brown Marsden, Interim Provost and Vice President for Academic Affairs, presided and the meeting began at 2:02 p.m.

Approval of Minutes

The February 2023 minutes were discussed. Dr. Killion made a motion to approve, Dr. Ziegler seconded the motion, and the minutes were approved.

Old Business

There being no Old Business, the Council moved on to New Business.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

New Business

1. Dr. Killion made a motion to adopt the following undergraduate catalog changes. Dr. Cobb seconded and the motion was adopted.

Undergraduate Catalog change

Admission Policies (Gunn College)

Applications are accepted from ~~men and women~~ **all persons** regardless of age or marital status. Applicants will be considered for admission on an individual basis.

1. See the sections on [Admissions](#) and Registration Information for details. Admission to Midwestern State University does not guarantee acceptance into a health science program.
2. It is recommended that the high school background include courses in chemistry, biology, and algebra (2 units) for health sciences programs.
3. Application forms for admission to nursing, dental hygiene, radiologic sciences, and respiratory care programs may be obtained from the respective departments.
4. See individual program for specific admission requirements. In exceptional cases, persons who do not meet the criteria for regular admission may be granted provisional admission by the College Admissions Committee.

The semester-by-semester program of individual courses should be followed by entering students. Exceptions may be made by the department chair.

2. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Stambaugh seconded and the motion was adopted.
3. Dr. Slavens asked if a person can take any college level math course including contemporary math, or business math in the 25 hour requirement. Dr. Killion replied “yes,” if they transfer in with college algebra, they would be required to choose another math course.
4. Dr. Ziegler asked about the moving of the sequence of EXPH 2993. This was confirmed by Dr. Killion to place them in numerical order.

Exercise Physiology, B.S.E.P.

The requirements for the Bachelor of Science in Exercise Physiology are as follows:

General

(See General Requirements for all Bachelor’s Degrees)
Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Major - 42 semester hours

- EXPH 1803 - Anatomical Kinesiology 3
- EXPH 1904 - Introduction to Exercise Physiology 4
- ~~EXPH 2993 - Biomechanics and Analysis of Human Movement 3~~
- EXPH 2333 - Introduction to Sports Nutrition 3
- EXPH 2501 - Physiology of Sport and Fitness Lab 1
- EXPH 2503 - Physiology of Sport and Fitness 3
- **EXPH 2993 - Biomechanics and Analysis of Human Movement 3**
- EXPH 3003 - Strength and Conditioning: Theory and Application 3
- EXPH 3203 - Motor Control of Human Movement 3
- EXPH 4201 - Advanced Sports Nutrition Lab 1
- EXPH 4203 - Advanced Sports Nutrition 3
- EXPH 4604 - Exercise Medicine 4
- EXPH 4701 - Exercise Physiology and Clinical Assessment Laboratory 1
- EXPH 4703 - Exercise Physiology and Clinical Assessment 3
-
- EXPH 4953 - Clinical Exercise Physiology I 3
- AND
- EXPH 4963 - Clinical Exercise Physiology II 3
- OR
- EXPH 4676 - Internship in Exercise Physiology 6 semester hours
-
- HSHS 1011 - Medical Terminology 1

Specific Core Requirements

Required courses in the core curriculum:

- BIOL 1134 - Anatomy and Physiology I 4
- CHEM 1143 - General Chemistry 3
- PSYC 1103 - General Psychology 3 (prerequisite for PSYC 3233)
- MATH 1233 - College Algebra 3

Exercise Physiology Other Requirements – **36 hours (24 must be upper level)**

~~Exercise Physiology students have the following other specific requirements:~~

~~Required courses in the core curriculum (1 overflow hour counted here):~~

~~BIOL 1134 – Anatomy and Physiology I (3 hours already counting above in core specifics, 1 hour counting here)~~

~~CHEM 1143 – General Chemistry (already counting above in core specifics)~~

And

Specific Requirements – 11 hours

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- **BIOL 1134 - Anatomy and Physiology I (Only 1 lab hour counted here, other 3 lecture hours counted under core specifics)**

- ~~BIOL 3104 – Fundamental Genetics 4~~
- STAT 3573 - Probability and Statistics 3
- CHEM 1141 - General Chemistry Laboratory 1
- ~~CHEM 1241 – General Chemistry Laboratory 1~~
- ~~CHEM 1243 – General Chemistry 3~~
- ~~CHEM 2003 – Organic Chemistry I 3~~
- RADS 3203 - Pathophysiology 3
- ENGL 3203 - Technical Writing 3
-
- ~~MATH 1433 – Plane Trigonometry 3~~
- ~~or~~
- ~~MATH 1534 – Precalculus 4~~
-
- ~~PHYS 1144 – General Physics 4~~
- ~~PHYS 1244 – General Physics 4~~
- ~~_____~~
- ~~PSYC 3233 – Developmental Psychology 3~~
- ~~OR~~
- ~~PSYC 3603 – Abnormal Psychology 3~~
- ~~OR~~
- ~~PSYC 3853 – Health Psychology 3~~

Exercise Physiology Electives - 25 hours selected from the following areas:

- **BIOL**
- **BUAD (2000-3000)**
- **CHEM**
- **CMPS**
- **EPSY**
- **HSAD (3000-4000)**
- **KNES (2000-3000)**
- **MATH**
- **MENG**
- **PHYS**
- **PSYC (3000)**

Grade Requirement

EXPH majors and students minoring in Cycling Performance must complete all ATRN & EXPH department course work with a grade of “C” or higher or repeat the course until they receive a passing grade of “C” or higher.

5. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Watson seconded and the motion was adopted.
6. Dr. Slavens indicated on the admission criteria for the BSRT program number 9 was confusing. It was discussed whether or not to change this to “OR” or “AND.” Dr. Killion later corrected this and it was changed to “AND.” Students have to be core complete or only carry over 3 hours. Those hours can be a core class or RADS 4123, but not both.
7. Ms. Hickman asked a question about the criteria for BSRT students on number two having to duplicate the sending of official transcripts to both Admissions and MSU. Dr. Killion said the students do need to apply this way for now, because they apply to the program before the university.
8. Dr. Brown Marsden mentioned Dr. Jeremy Duff (SACSCOC Liaison) may need to be aware of Magnetic Resonance Imaging and Mammography certificates for the possibility of SACSCOC reporting.

The Shimadzu School of Radiologic Sciences

Return to: Robert D. and Carol Gunn College of Health Sciences and Human Services

Beth Veale, Chair (Centennial Hall 430K)

Professors: ~~Johnston~~, Killion, Vealé

Associate Professors: Comello, Dillard, Watts

Assistant Professors: Billmeier, Fisher, Onstott, Sedden, Tole, Wagner, Whatley, Wynne

Professors Emeriti: Bugg, Morrison

Midwestern State University offers three separate programs in The Shimadzu School of Radiologic Sciences: an entry-level Bachelor of Science in Radiologic Technology; a post-certification Bachelor of Science in Radiologic Sciences; and one of the only discipline specific Master of Science in Radiologic Sciences in the United States with majors in Radiologic Education, Radiologic Administration, and Radiologist Assistant.

Programs and Courses

Programs

Major

- Radiologic Sciences, B.S.R.S.
- Radiologic Technology, B.S.R.T.

Other Programs

- Computed Tomography Certificate
- **Magnetic Resonance Imaging Certificate**
- **Mammography Certificate**

Courses

Health Sciences and Human Services

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- HSHS 1011 - Medical Terminology

Radiologic Sciences

- RADS 2012 - Introduction to Medical Imaging and Terminology
- ~~RADS 2022 - Introduction to Professional Practice~~
- RADS 3033 - Image Acquisition and Processing
- RADS 3043 - Radiographic Procedures I
- RADS 3053 - Radiographic Procedures II
- RADS 3063 - Radiographic Procedures III
- RADS 3133 - Imaging Pathology
- RADS 3203 - Pathophysiology
- RADS 3213 - Advanced Clinical Practice Skills
- RADS 3243 - Patient Care
- RADS 3313 - Radiation Therapy
- RADS 3413 - Cardiovascular and Interventional Procedures
- RADS 3503 - Research
- RADS 3513 - Physics and Equipment in Medical Imaging
- RADS 3523 - Essentials of Research
- RADS 3763 - Radiation Protection and Biologic Responses
- RADS 3773 - Radiobiology and Radiation Protection
- RADS 3803 - Introduction to Nuclear Medicine and Molecular Imaging
- RADS 3833 - Bone Densitometry
- RADS 4002 - Radiographic Image Analysis
- RADS 4114 - Clinical Education I
- RADS 4123 - Data Analysis
- RADS 4215 - Clinical Education II
- RADS 4315 - Clinical Education III
- RADS 4332 - Radiologic Technology Seminar
- RADS 4513 - Administration and Supervision in Medical Imaging
- RADS 4533 - Informatics and Imaging
- RADS 4613 - Ethical and Legal Issues in Medical Imaging
- RADS 4633 - Quality Improvement in Medical Imaging
- RADS 4643 - Health Law in Medical Imaging
- RADS 4703 - Principles of Computed Tomography
- RADS 4733 - Sectional Anatomy
- RADS 4743 - Magnetic Resonance Imaging
- RADS 4753 - Mammography
- RADS 4763 - Mammographic Quality Practice
- RADS 4773 - Magnetic Resonance Imaging Applications
- RADS 4783 - Computed Tomography Applications
- RADS 4803 - Introduction to Nuclear Medicine
- RADS 4813 - Teaching Strategies in Imaging Sciences
- RADS 4853 - Essentials of Forensic Medical Imaging
- RADS 4863 - Essentials of Teaching in Imaging Sciences
- RADS 4873 - Learning Theories in Imaging Sciences
- RADS 4903 - Selected Topics
- RADS 4912 - Special Topics
- RADS 4913 - Applied Research

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- RADS 4933 - Advanced Modalities Special Topics
Return to: Robert D. and Carol Gunn College of Health Sciences and Human Services

Radiologic Sciences, B.S.R.S.

Return to: Robert D. and Carol Gunn College of Health Sciences and Human Services

Requirements for the Major in Radiologic Sciences - 120 semester hours

The Bachelor of Science in Radiologic Sciences degree is a post-certification program designed to meet the unique needs of registered radiologic technologists currently working in the field. The program offers a variety of courses designed to prepare students for advanced level examinations in specific modalities.

The mission of the BSRS Program is to prepare ARRT-registered technologists for advanced certification and to assume greater responsibilities in the profession. The learning outcomes of the BSRS Program are that BSRS students will

1. Be ~~adequately~~ prepared to enter and function within the profession in an advanced role in a culturally diverse society.
2. Develop independent and critical thinking skills.
3. Pursue life-long learning.
4. Develop professionalism through scholarly productivity.

All BSRS courses are offered online as full Internet courses.

Admission Criteria for the BSRS Program

1. Meet all MSU admission requirements.
2. Have a cumulative GPA of 2.0 or higher.
3. Be certified by the ARRT, NMTCB, ARDMS, or be a second year student in an accredited Radiologic Sciences Program.
4. Have reliable Internet access (high speed required) and a working email address.
5. Meet Texas Success Initiative (TSI) requirements (see Texas Success Initiative), ~~or submit a signed copy of the TSI Temporary Waiver Form for Distance Education Students found at <https://msutexas.edu/registrar/success/>~~

Admission Procedures for the BSRS Program

1. Submit all required admission materials to MSU Admissions.
2. Complete the online **BSRS Program application** ~~on the department website at <http://www.mwsu.edu/academics/hs2/radsci/bsrs>~~.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

3. Contact the **Academic** Admissions Counselor for the College of Health Sciences and Human Services.
4. Submit a working email address to the **Academic** Admissions Counselor for the College of Health Sciences and Human Services.
5. Students will be assigned a Radiologic Sciences faculty advisor when they start taking professional courses (RADS prefixes).
6. Complete the online BSRS Program Orientation ~~linked to the Radiologic Sciences website.~~

Additional Information

Credit awarded for advanced standing does not apply toward the resident credit requirements.

For additional information on application procedures, admission requirements or advanced placement procedures, visit the department website for **the BSRS program.**
at: <http://www.mwsu.edu/academics/hs2/radsei/bsrs>

Advanced Placement Procedures

Advanced Placement Courses

Students in the BSRS Degree Completion Program are awarded 42 semester credit hours for holding current and valid professional certification from the American Registry of Radiologic Technologists (ARRT), the Nuclear Medicine Technology Certification Board (NMTCB), or the American Registry of Diagnostic Medical Sonography (ARDMS).

Additional Advanced Courses

Additional advanced standing credit is awarded to medical imaging professionals registered in advanced modalities. This credit is awarded as follows:

- ARRT (T) - RADS 3313 - Radiation Therapy 3
- ARRT (BD) - RADS 3833 - Bone Densitometry 3
- ARRT (M) - RADS 4753 - Mammography 3
- ARRT (CV) or (VI) or (CI) - RADS 3413 - Cardiovascular and Interventional Procedures 3
- ARRT (CT) - RADS 4703 - Principles of Computed Tomography 3
- ARRT (MR) - RADS 4743 - Magnetic Resonance Imaging 3
- **ABII (CIIP) – RADS 4533 – Informatics in Imaging 3**

Additional Information

~~Credit awarded for advanced standing does not apply toward the resident credit requirements.~~
~~For additional information on application procedures, admission requirements or advanced placement procedures, visit the department website at:~~
~~<http://www.mwsu.edu/academics/hs2/radsei/bsrs>~~

General

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

Curriculum Requirements for the BSRS Program

Major - 78 semester hours

Includes 42 semester hours of professional credentials credit listed above.

Major/Professional Core RADS Courses (24 semester hours) - Students take ALL eight (8) courses:

- RADS 3203 - Pathophysiology 3
- RADS 3213 - Advanced Clinical Practice Skills 3
- RADS 3503 - Research 3
- RADS 3773 - Radiobiology and Radiation Protection 3
- RADS 4123 - Data Analysis 3
- RADS 4633 - Quality Improvement in Medical Imaging 3
- RADS 4643 - Health Law in Medical Imaging 3
- RADS 4913 - Applied Research 3

Major/Professional Elective Courses - 12 semester hours

Any four (4) additional RADS courses from the following:

- RADS 3313 - Radiation Therapy 3
- RADS 3413 - Cardiovascular and Interventional Procedures 3
- RADS 3803 - Introduction to Nuclear Medicine and Molecular Imaging 3
- RADS 3833 - Bone Densitometry 3
- RADS 4513 - Administration and Supervision in Medical Imaging 3
- RADS 4533 - Informatics and Imaging 3
- **RADS 4703 – Principles of Computed Tomography 3**
- RADS 4733 - Sectional Anatomy 3
- RADS 4743 - Magnetic Resonance Imaging 3
- RADS 4753 - Mammography 3
- RADS 4763 - Mammographic Quality Practice 3
- RADS 4773 - Magnetic Resonance Imaging Applications 3
- RADS 4783 - Computed Tomography Applications 3
- RADS 4813 - Teaching Strategies in Imaging Sciences 3
- RADS 4853 - Essentials of Forensic Medical Imaging 3
- RADS 4863 - Essentials of Teaching in Imaging Sciences 3
- RADS 4873 - Learning Theories in Imaging Sciences 3
- RADS 4903 - Selected Topics 3
- **RADS 4933 – Advanced Modalities Special Topics 3**

Note:

A student must earn a grade of C (2.0) or above in all RADS professional courses required for graduation.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Radiologic Technology, B.S.R.T.

Return to: Robert D. and Carol Gunn College of Health Sciences and Human Services

Requirements for the Major in Radiologic Technology - 120 semester hours

The Radiologic Sciences entry-level BSRT Program **is designed to prepare students for careers as radiographers.** ~~prepares students for careers as radiographers.~~ Upon completion of all program requirements, students ~~are prepared~~ **may be eligible** to take the national certification examination administered by the American Registry of Radiologic Technologists (ARRT). Additionally, graduates may be eligible for certification by the state of Texas as Medical Radiologic Technologists.

The BSRT Program in Radiologic Technology is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The mission of the BSRT Program **uses a multifaceted approach to prepare students to become competent and compassionate radiologic technologists who demonstrate personal and professional growth as part of a dynamic health care team.** ~~is to provide procedures to prepare qualified imaging technologists who will ethically respond to the needs of patients with technical competence and compassion, and to assume a vital professional role as a medical team member.~~ The **goals and** learning outcomes of the BSRT Program are that BSRT students **will demonstrate:**

~~Be adequately prepared to enter the profession in a culturally diverse society.~~

~~Develop independent and critical thinking skills.~~

~~Pursue education beyond the entry level BSRT Program.~~

~~Develop professionalism through entry-level radiography clinical competence.~~

1. **Clinical competence by applying positioning skills and practicing radiation protection.**
2. **Critical thinking skills by analyzing radiographic images and manipulating technical factors.**
3. **An understanding of professionalism by demonstrating professional ethics and an appreciation for the radiologic sciences.**
4. **Effective communication skills in the medical environment by demonstrating and practicing oral and written skills.**

Admission Criteria for the BSRT Program

1. Be eligible for admission to Midwestern State University.
2. Complete the online BSRT Program application on the department website **and upload copies of all official transcripts from each institution attended within the electronic application, including Midwestern State University transcripts.**
3. Complete the HESI entrance examination no later than **the date listed on department website. Specific sections required are listed on the department website.** ~~August 30th of the application year.~~
4. ~~Complete a background check to include all international addresses as well as U.S.~~
5. Have a cumulative GPA of 2.5 or greater on all college-level work and be in good academic standing.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

6. Complete **Successful completion of BIOL 1134 Anatomy and Physiology I and BIOL 1234 Anatomy and Physiology II** with grades of C or better **before applying to the program. More than 1 repeat of each/either in the past 5 years will result in ineligibility for the program.**
7. Complete all remediation requirements.
8. **Satisfy all TSI requirements.**
9. **Either be core complete OR lack only 3 credit hours from basic core completion OR RADS 4123 by the end of the fall semester just before the program start.**
10. ~~Interview with Radiologic Sciences faculty and designated field experts.~~
11. Have reliable internet access (high speed recommended) and a working email address.

Admission Procedures for the BSRT Program

The professional phase of the BSRT program begins in the spring semester. Applications for admission are accepted July 1 through September 30. Because of the limited availability of clinical sites, admission to the BSRT program is competitive, and qualified applicants are accepted only until the class is full. ~~No applications will be accepted after August 31.~~ Applicants are rank-ordered according to a formula based on, but not limited to, several criteria such as core course completion, grade point average, and previous experiences in medical environments. **Negative interactions with staff and faculty members during the application process may result in a deduction of points and may affect the score assigned. The admissions committee reserves the right to deny admission to the program based on the admissions committee's professional judgment.**

For additional information on application procedures and admission requirements, visit the department website at <http://www.msutexas.edu/academics/hs2/radsci/bsrt>.

Progression Policy for the BSRT Program

1. All professional progression (RADS) courses must be taken in the sequence prescribed.
2. Students must earn a C (2.0) or above in all professional progression courses.
3. Courses that have the "P" (**progression**) designation require passing grades of 75 or better.
4. Failure to attain a minimum grade of C in any professional course will prevent students from progressing in the program until the course(s) can be repeated. Each failed course can be repeated only once. Students who fail any professional **progression** course **in the first program semester** must reapply to the program. **Students must follow the reapplication process as written in the Radiologic Technology Student Handbook.** Students who fail more than one professional **progression** course or the same course more than once will be prevented from completing the program. **Failure of any two courses (progression or non-progression or a combination) at any time during the program will result in dismissal from the program.**
5. Students must provide documentation of:
 - a. Program-approved student liability insurance
 - b. Compliance with state mandated immunizations
 - c. Health insurance
 - d. CPR certification - Healthcare Provider (2 year certification for child and adult)
 - e. Drug screening with no illegal substances – **no tolerance policy**

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

Curriculum Requirements for BSRT Program:

Core Curriculum Specific Courses and Additional Requirements:

- BIOL 1134 - Anatomy and Physiology I 4
- BIOL 1234 - Anatomy and Physiology II 4
- and
- PSYC 1103 - General Psychology 3
- OR
- SOCL 1133 - Introductory Sociology 3
-
- RADS 4123 - Data Analysis 3

Major - 73 semester hours

- RADS 2012 - Introduction to Medical Imaging and Terminology 2
- RADS 3033 - Image Acquisition and Processing 3 P
- RADS 3043 - Radiographic Procedures I 3 P
- RADS 3053 - Radiographic Procedures II 3 P
- RADS 3063 - Radiographic Procedures III 3 P
- RADS 3133 - Imaging Pathology 3 P
- RADS 3213 - Advanced Clinical Practice Skills 3
- RADS 3243 - Patient Care 3
- RADS 3513 - Physics and Equipment in Medical Imaging 3 P
- RADS 3523 - Essentials of Research 3
- RADS 3763 - Radiation Protection and Biologic Responses 3 P
- RADS 4002 - Radiographic Image Analysis 2 P
- RADS 4114 - Clinical Education I 4 semester hours P
- RADS 4215 - Clinical Education II 5 semester hours P
- RADS 4315 - Clinical Education III 5 semester hours P
- RADS 4332 - Radiologic Technology Seminar 2 P
- ~~RADS 4513 - Administration and Supervision in Medical Imaging 3~~
- OR
- RADS 4533 - Informatics and Imaging 3
- RADS 4613 - Ethical and Legal Issues in Medical Imaging 3
- RADS 4633 - Quality Improvement in Medical Imaging 3

Choose one of the following groups for CT, MRI, Mammography, **Teaching**, or no track:

- RADS 4703 - Principles of Computed Tomography 3
- AND

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- RADS 4783 - Computed Tomography Applications 3
- (OR)
- RADS 4743 - Magnetic Resonance Imaging 3
- AND
- RADS 4773 - Magnetic Resonance Imaging Applications 3
- (OR)
- RADS 4753 - Mammography 3
- AND
- RADS 4763 - Mammographic Quality Practice 3
- (OR)
- **RADS 4813 – Teaching Strategies in Imaging Sciences 3**
- **AND**
- **RADS 4863 – Essentials of Teaching in Imaging Sciences 3**
- **(OR)**

If students choose NOT to pursue the CT, MRI, or Mammography track, they may take **any 2 additional RADS upper level courses** to satisfy the hours.

- RADS 4733 - Sectional Anatomy 3
- RADS 4912 - Special Topics 2 P
- RADS 4913 - Applied Research 3

Note:

P - Courses marked with a “P” are professional progression courses and require passing grades of 75 or better.

Return to: Robert D. and Carol Gunn College of Health Sciences and Human Services

9. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Watson seconded and the motion was adopted.
10. Dr. Cobb and Dr. Brown Marsden asked if a Geoscience, Biology or Chemistry course would satisfy the requirements for the additional Core Science requirements, as it would change the demand on these courses at MSU. Dr. Killion replied these students are online, and he did not think it would affect MSU demand, but would help those transferring in courses from other schools.

Respiratory Care, B.S.R.C. - Registered Respiratory Therapist-to-BSRC Program

This program refers to transfer of previously obtained training in Respiratory Care into the MSU Respiratory Care program. This policy specifically applies to individuals who possess the RRT credential and who wish to pursue the BSRC degree at MSU. The student will submit an official transcript to the University that documents the completion of the Registry level program. The

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

department may grant the holder of the RRT credential 39 semester hours toward the 76 required Respiratory Care semester hours. This professional credential credit will be granted once the student has successfully completed 9 semester hours of MSU Respiratory Care course work.

- A minimum of 30 hours must be advanced level.
- A minimum of 30 hours must be taken from MSU to satisfy the residency requirement.
- Meet the University Writing Proficiency Requirement.

Progression Policy for RRT to BSRC Degree

Students must maintain satisfactory standards in classroom and clinical activities to be retained and to progress in the program. Requirements are as follows:

1. A minimum grade of 75 (C) is required in all respiratory courses (*except RESP 4123 and RESP 4423). Failure to attain a minimum grade of C in these courses will prevent the student from progressing in the program. A student who fails to achieve a grade of C in any respiratory care course may repeat the course one time. Any student who fails to achieve a grade of C in any two respiratory care courses will be dismissed and not be eligible for readmission.
2. Failure to achieve a minimum grade of C when repeating a respiratory care course will result in dismissal from the program and the student may not reapply to this respiratory care program.
3. The BSRC Program's Admission Committee reserves the right to make exceptions to the above due to extenuating circumstances.
*RESP 4123 - Data Analysis and RESP 4423 - Research and Respiratory Care are on the traditional grading scale where 70 is considered a minimum grade of C in these courses.

General

(See General Requirements for all Bachelor's Degrees)

Academic Foundations and Core Curriculum - 42 semester hours

(See Academic Foundations and Core Curriculum - 42 semester hours)

RRT Credential - 39 **to 41** semester hours

(see details above)

Respiratory Care - 30 semester hours

RRT-BSRC student may choose any combination of the following courses:

- RESP 3543 - Adult Critical Care 3
- RESP 3553 - Neonatal and Pediatric Respiratory Care 3
- RESP 3563 - Respiratory Pathophysiology 3
- RESP 4123 - Data Analysis 3
- RESP 4133 - Developing Leadership Capabilities in Respiratory Care 3
- RESP 4153 - Ethics of Respiratory Care 3
- RESP 4223 - Education Theory and Practice 3
- RESP 4233 - Educational/Administrative Concepts 3 (may be taken twice with varied content)

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- RESP 4243 - Advanced Practice Applications 3 (may be taken twice with varied content)
- RESP 4403 - Pulmonary Diagnostics 3
- RESP 4423 - Research and Respiratory Care 3
- RESP 4443 - Management of Health Care Services 3
- RESP 4603 - Community Health and Rehabilitation 3

Additional Requirements - 15 semester hours*

- BIOL 1134 - Anatomy and Physiology I 4 *
- BIOL 1234 - Anatomy and Physiology II 4 *
- BIOL 2144 - Fundamental Clinical Microbiology 4 **or Core Science**
- CHEM 1303 - General-Organic-Biological Chemistry 3 **or Core Science**

Note:

*8 hours are duplicated in Academic Foundations and Core Curriculum, but the total program hours do not change.

Total Semester Hours – 120

11. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes. Dr. Capps seconded and the motion was adopted.

Course Inventory Updates:

New Course Additions – Effective Fall 2023

Course Prefix: **RADS**

Course Number: **3823**

Course Title: **Interventional Imaging and Equipment**

Prerequisite(s): **RADS 3213 Advanced Clinical Practice Skills**

Description: **This course will provide the student with knowledge of imaging equipment and acquisition techniques used in interventional radiology and the cardiac cath lab. The course also provides an overview of equipment and materials necessary to perform cath lab or interventional radiology. Techniques to enhance image quality, preparation of materials and supplies, and use of materials and devices, will be covered.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Identify common equipment and materials used in interventional radiology and the cardiac cath lab. (Understand)**
- **Describe the use of imaging equipment, acquisition, and post-processing techniques for interventional radiology and cardiac catheterization procedures. (Understand)**
- **Examine the design of interventional radiology suites and cardiac cath lab. (Analyze)**

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- **Relate the construction and design of different equipment to their intended use during procedures (Analyze)**
- **Determine the proper imaging equipment**
- **and acquisition settings for selected procedures. (Evaluate)**
- **Determine the proper equipment needed for selected procedures. (Evaluate)**

Course Prefix: **RADS**

Course Number: **4833**

Course Title: **Cardiac Interventional Procedures and Pathology**

Prerequisite(s): **RADS 3823- Interventional Imaging and Equipment**

Description: **The course will introduce students the role of the cardiac interventional (CI) radiologic technologist, diagnostic and invasive cardiac procedures, protocols, pharmacology, patient care considerations, anatomy, and pathology commonly encountered in the cardiac catheterization laboratory.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Identify common cardiac pathologies and anatomy observed during imaging procedures. (Understand)**
- **Describe the different diagnostic and interventional cardiac procedures performed in the cardiac cath lab. (Understand)**
- **Explain the use of medications commonly administered during diagnostic and interventional cardiac procedures. (Analyze)**
- **Explain the indications, contraindications, risks, and benefits of different cardiac procedures. (Analyze)**
- **Evaluate patient's hemodynamic readings and/or waveforms to develop a differential diagnosis of causes. (Evaluate)**
- **Determine proper diagnostic and/or interventional cardiac procedure recommendations for specific patient cases. (Evaluate)**

Course Prefix: **RADS**

Course Number: **4843**

Course Title: **Vascular Interventional Procedures and Pathology**

Prerequisite(s): **RADS 3823 Interventional Imaging and Equipment**

Description: **The course will introduce students to the role of the interventional radiologic technologist, vascular and non-vascular procedures, protocols, patient care, and pathology commonly observed in the interventional radiology department.**

Lec/Lab Hrs: **3(3-0)**

Type of Course: **Lecture**

Course Objectives:

- **Identify common vascular and non-vascular anatomy and pathologies observed during imaging procedures. (Understand)**

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- **Describe the different vascular and non-vascular procedures performed in interventional radiology. (Understand)**
- **Examine the role and responsibility of the vascular interventional technologist in medical imaging. (Analyze)**
- **Explain the indications, contraindications, risks, and benefits of different vascular and non-vascular procedures. (Analyze)**
- **Evaluate the patient's laboratory values, hemodynamics, and/or physiologic information to determine the effects on the procedure or patient care. (Evaluate)**
- **Determine proper diagnostic and/or interventional procedure recommendations for specific patient cases. (Evaluate)**

12. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes.
Dr. Slavens seconded and the motion was adopted.

Change of Course Description – Effective Fall 2023

Course Prefix: RADS

Course Number: 3833

Course Title: Bone Densitometry

Description: ~~This course discusses bone densitometry procedures including skeletal anatomy and pathology, statistics, quality control, and fracture risk prediction. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists. Credit may be awarded to individuals who are registered in bone densitometry by the ARRT.~~ **This course discusses bone densitometry procedures, including skeletal anatomy and pathology, statistics, quality control, patient care, image production, DXA scanning procedures, and fracture risk prediction. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists. Credit may be awarded to individuals registered in bone densitometry by the ARRT.**

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Prefix: RADS

Course Number: 4703

Course Title: Principles of Computed Tomography

Description: ~~This course focuses on computed tomography protocols and procedures, contrast media, physics, sectional anatomy, and patient care. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists (ARRT). Credit may be awarded to individuals who are registered in computed tomography by the ARRT.~~ **This course examines patient care, safety, image production, procedures, and protocols in computed tomography. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists (ARRT). Credit may be awarded to individuals registered in computed tomography by the ARRT.**

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Course Prefix: RADS

Course Number: 4753

Course Title: Mammography

Description: ~~This course provides guidelines for performing mammographic examinations. Content includes positioning, quality assurance, patient education, and pathology. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists; Credit may be awarded to individuals who are registered in mammography by the ARRT.~~

This course examines guidelines for performing mammographic examinations. Content includes positioning, quality assurance, patient education, and pathology. Credit may be awarded to individuals who are registered in mammography by the ARRT.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Prefix: RADS

Course Number: 4763

Course Title: Mammographic Quality Practice Prerequisite(s):

Description: ~~This course introduces regulations and quality control procedures established under the Mammography Quality Standards Act.~~

This course examines patient care, image production, and procedures used in the clinical application of mammography. This course introduces regulations and quality control procedures established under the Mammography Quality Standards Acts. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists (ARRT).

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Prefix: RADS

Course Number: 4773

Course Title: Magnetic Resonance Imaging Applications

Description: ~~This course examines imaging protocols, procedures, and sequence parameters used in the clinical application of magnetic resonance imaging. Additional topics include three-dimensional anatomy and pathology.~~

This course examines patient care, safety, image production, procedures, imaging protocols and sequence parameters used in the clinical application of magnetic resonance imaging. Additional topics include three-dimensional anatomy and pathology. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists (ARRT).

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

13. Dr. Killion made a motion to adopt the following undergraduate course and catalog changes.
Dr. Ziegler seconded and the motion was adopted.

Change of Course Prerequisite and Description – Effective Fall 2023

Course Prefix: RADS

Course Number: 4783

Course Title: Computed Tomography Applications

Prerequisite(s): RADS 3213, ~~RADS 4723~~, RADS 4733

Description: ~~This course focuses on advanced computed tomography procedures and protocols with special consideration of pediatric and critical care patients, computed tomography-guided interventional imaging techniques, and emerging technologies.~~ **This course examines advanced patient care, safety, image production, procedures, and protocols used in the clinical application of computed tomography. This course also examines applications for pediatric patients, critical care patients, and emerging technologies. This course meets the 16 hours of structured education required by the American Registry of Radiologic Technologists (ARRT).**

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

Course Prefix: RADS

Course Number: 4933

Course Title: Advanced Modalities Special Topics

Prerequisite(s): RADS 4763 or RADS 4773 or RADS 4783 **or RADS 4833 or RADS 4843**

Description: This course explores special topics in advanced modalities in radiologic sciences. This course is a third course in the advanced modalities programs of CT, Mammography, MRI, **Cardiac Interventional (CI), and Vascular Interventional (VI)**. Topics will vary. May be repeated with different content.

Lec/Lab Hrs: 3(3-0)

Type of Course: Lecture

14. Dr. Cobb made a motion to adopt the following undergraduate course and catalog changes.
Dr. Capps seconded and the motion was adopted.

Course Inventory Updates:

Change of Course Descriptions – Effective Fall 2023:

Course Prefix: MATH

Course Number: 1433

Course Title: Plane Trigonometry

Prerequisite(s): MATH 1233 with a grade of C or better

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Description: Trigonometric functions, identities and equations, complex numbers. ~~Each student must have a graphing calculator.~~

Course Prefix: MATH

Course Number: 1534

Course Title: Precalculus

Description: Applications of algebra and trigonometry to the study of elementary functions and their graphs including polynomial, rational, exponential, logarithmic and trigonometric functions. ~~Each student must have a graphing calculator.~~ This course is intended for students planning to take MATH 1634.

Course Prefix: MATH

Course Number: 1634

Course Title: Calculus I

Description: Differentiation of functions of one variable with applications, integration including simple substitution and numerical evaluation, and applications of integration. ~~Each student must have a graphing calculator.~~

Course Prefix: MATH

Course Number: 1734

Course Title: Calculus II

Description: Elementary transcendental functions, techniques of integration, sequences, series, Taylor's formula, conic sections, parameterized curves, and polar coordinates. ~~Each student must have a graphing calculator.~~

Course Prefix: MATH

Course Number: 2534

Course Title: Calculus III

Description: Space geometry and vectors, vector-valued functions, partial differentiation with applications, and multiple integration with applications. ~~Each student must have a graphing calculator.~~

15. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Stambaugh seconded and the motion was adopted.
16. Dr. Cobb asked if “requests” wording on the student applicant transcripts meant “required.” Dr. Ziegler thought the wording was because of the language of sister schools, but could be changed to “required.” This was discussed, and it was decided to keep this as written because the Graduate School prefers the third party evaluations, but some colleges will require NACES evaluations. The wording will not negate any college requirements.

Graduate Catalog Changes

Catalog Changes to Foreign Credential Evaluations – Effective Fall 2023

Admission to the Dr. Billie Doris McAda Graduate School

Unconditional Admission

An applicant who meets each of the following admission criteria may be eligible for unconditional admission by the graduate faculty of the student’s intended major:

1. A bachelor’s degree from a regionally accredited institution. The McAda Graduate School must receive an official transcript, including one on which a bachelor’s degree is posted, directly from each institution the applicant has attended. ~~International graduate student applicants must submit a course-by-course credential evaluation with GPA that includes verified transcripts. MSU strongly prefers the WES ICAP evaluation, but will accept a comparable evaluation from an NACES member.~~ **MSU requests that international graduate student applicant transcripts be evaluated by a preferred third party for degree clarification. MSU will also accept evaluations from NACES members.**
2. A cumulative undergraduate GPA of at least 3.0 from the student’s graduating institution.
3. A competitive score on the standardized graduate test, if required by the graduate program. The requirement for standardized test scores is decided at the college level. The student should contact the graduate coordinator of the intended graduate program for information. The McAda Graduate School must receive official admissions test scores directly from the organization that administers the test.
4. An undergraduate background judged by the graduate faculty of the student’s intended major to be adequate for success in the student’s intended major.

Conditional Admission

An applicant who does not meet each of the above admission criteria may be eligible for conditional admission by the graduate faculty of the student’s intended major if the applicant has the following:

1. A bachelor’s degree from a regionally accredited institution. The McAda Graduate School must receive an official transcript, including one on which a bachelor’s degree is posted, directly from each institution the applicant has attended. ~~International graduate student applicants must submit a~~

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

~~course-by-course credential evaluation with GPA that includes verified transcripts. MSU strongly prefers the WES ICAP evaluation, but will accept a comparable evaluation from an NACES member.~~ **MSU requests that international graduate student applicant transcripts be evaluated by a preferred third party for degree clarification. MSU will also accept evaluations from NACES members.**

2. An official score for the standardized graduate test, if required by the graduate program. The requirement for standardized test scores is decided at the college level. The student should contact the graduate coordinator of the intended graduate program for information. The McAda Graduate School must receive official admissions test scores directly from the organization that administers the test.

A student who is conditionally admitted must earn a grade point average of 3.0 or better in the first four graduate courses (which total at least 12 semester credit hours) applicable to the student's graduate major. Students who are assessed additional undergraduate leveling work must complete that work at the direction and to the satisfaction of the coordinator of the student's graduate major. To continue in the program, the student must meet the conditions set forth in the conditional admission.

Provisional Admission

A student may be admitted in the provisional admission status if the official transcripts have not been received in the McAda Graduate School in a timely manner to facilitate admission decisions. To be considered for this admission status, students must present a transcript with proof of a bachelor's degree conferred. Final transcripts must be received no later than 30 calendar days after the first day of class in the semester in which a student matriculates. An incomplete-credentials hold will be placed on the student's record preventing future registration until all transcripts are received and the student has been admitted into a graduate program. If official transcripts are not received prior to the last day for an official withdrawal, the student may be administratively withdrawn from the University. Students who are administratively withdrawn are only due refunds in accordance with the MSU refund schedule. Not all graduate programs offer provisional admission status.

17. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Watson seconded and the motion was adopted.

Catalog Changes to Assistantships – Effective Fall 2023

Assistantships

Graduate students admitted to a graduate degree program are eligible for consideration as a graduate assistant for teaching, graduate assistant for research, or graduate assistant for

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

instructional support. Assistantships are usually available in those fields in which graduate study is offered.

Graduate Teaching Assistants may serve as instructors of record in developmental courses, lower level courses, or laboratories. Unless assigned to developmental courses, the instructor of record will have been admitted to graduate study and will have completed a minimum of 18 graduate credit hours in the subject matter field. Graduate Teaching Assistants will typically be employed for up to 6 semester hours load credit per semester. **Graduate Teaching Assistants are required to keep at least five (5) office hours in residence per week exclusively for the availability to students. These hours are to be held over three (3) different days of the week as determined by the graduate coordinator, the department chairs, and/or the dean of each college, working in conjunction with faculty and instructors of record. A schedule of these hours must be posted and made available to students.**

Graduate Instructional Assistants will typically have assignments such as laboratory assistance, attending and/or helping prepare lectures, grading papers, keeping class records, and conducting discussion groups.

Graduate Research Assistants will typically assist faculty with research projects.

Graduate students must be enrolled to be eligible for an assistantship. For assistantships during the Summer, graduate students must be enrolled for at least one (1) credit hour, or have been enrolled during the preceding Spring semester, or have been unconditionally accepted for enrollment in the following Fall semester.

See <https://public.powerdms.com/MidwesternState/tree/documents/2223874> for specific requirements regarding Summer enrollment.

Graduate assistants are expected to maintain an overall 3.0 cumulative graduate grade point average (GPA).

Graduate assistants who support teaching functions are usually not required to work during school breaks. Students supporting other types of activities such as research may be expected to work during school breaks.

Graduate assistants hired for the academic year are expected to work the week before the beginning of both Fall and Spring semesters and through final exam week.

18. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Capps seconded and the motion was adopted.

Catalog Changes to Master of Professional Studies – Effective Fall 2023

Professional Studies, M.P.S.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

The Master of Professional Studies (MPS) is an interdisciplinary program that crosses traditional academic boundaries and provides a solid intellectual framework. This broad-based program gives students a professional edge with a marketable combination of analytical, research, communication, and team-building skills. The highly-flexible MPS is ideal for working professionals who seek a curriculum tailored to their current career needs and future aspirations.

~~Core Courses (18 semester credit hours)~~

~~Research—6 semester credit hours~~

~~Introduction to Research (3 semester credit hours)~~

~~Select one course from:~~

~~CRJU 5383—Survey of Research Methods~~

~~EDUC 5053—Introduction to Research~~

~~EXPH 5003—Research and Design~~

~~HIST 5713—Historiography~~

~~SPAD 5013—Research Methods in Sport Management~~

~~Research Methods (3 semester credit hours)~~

~~Select one course from:~~

~~EDUC 6753—Applied Research~~

~~ENGL 5563—Research Methods in Rhetoric and Technical Communication~~

~~EXPH 5013—Applied Research Statistics~~

~~HIST 6103—Research Methods~~

~~RADS 6443—Survey Design in Radiologic Sciences~~

Core Courses (9 semester credit hours)

Research - 3 semester credit hours

Select one course from:

CRJU 5383 - Survey of Research Methods

EDUC 5053 - Introduction to Research

ENGL 5563 - Research Methods in Rhetoric and Technical Communication

EXPH 5003 - Research and Design

HIST 6103 - Methods **and Historiography**

RADS 6443 - Survey Design in Radiologic Sciences

SPAD 5013 - Research Methods in Sport Management

Leadership - 3 semester credit hours

Select one course from:

- EDLE 5703 - Personal Leadership for Education Professionals
- EDLE 5713 - Leading through Effective Communication
- MGMT 5733 - Leadership and Teamwork
- SPAD 5023 - Leadership in Sport Management

Ethics - 3 semester credit hours

Select one course from:

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- BIOL 5813 - Biomedical Ethics
- COUN 5373 - Human Resource Development Ethical Issues
- CRJU 6433 - The Ethics of Criminal Justice
- HSAD 5273 - Health Care Ethics
- PSYC 5143 - Applied Ethics
- SPAD 5033 - Ethics & Legal Issues in Sport Management

Capstone ~~6 semester credit hours~~

-
-
- ~~EDUC 6813 Graduate Capstone in Professional Studies~~
 - ~~EDUC 6823 Graduate Practicum in Professional Studies~~

Content (21 semester credit hours)

Coursework may be tailored to individual student needs, subject to approval by the student's academic advisor. Content courses must include:

- Courses from at least two departments.
- ~~At least three hours from a liberal arts and sciences discipline.~~

19. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Cobb seconded and the motion was adopted.

Catalog Changes to Graduate Admission Process to register and Provisional Admission – Effective Fall 2023

Graduate Admission Process

Once all application materials have been received, a review is sent to the graduate coordinator for consideration. The review is then returned to the Dean of the McAda Graduate School with a recommended decision for admission. The Dean of the McAda Graduate School confirms the decision and sends official notification of the admission decision to the student.

Graduate coordinators may agree to consider a student for admission with an incomplete file under the following options:

~~Temporary Permit to Register with Unofficial or Missing Standardized Test Scores:~~

~~Students may request a temporary permit to register before the graduate test scores, if required by their graduate program, have been received by the Graduate School. Students may present unofficial graduate test scores, or graduate test registration confirmation number, and request temporary admission status and be issued a permit to register. If a temporary admission status request is granted by the graduate coordinator, all graduate tests must be taken no later than 30 calendar days after the first day of class. An incomplete credentials hold will be placed on the student's file preventing future registration until test scores are received and the student has been admitted into a graduate program. If official graduate test scores are not received prior to the last~~

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

~~day for an official withdrawal, the student may be administratively withdrawn from the University. Students who register in this manner assume all responsibility for course prerequisites and eligibility. Note: Not all University departments allow temporary admission into their graduate programs.~~

Early Admission Decision for Graduating Baccalaureate Students:

Students may request an early admission decision if they are in their last semester and pending graduation with a bachelor's degree from a regionally accredited institution. Students must present official GRE, GMAT, or MAT scores, if required by the program to which they are applying, as well as an official current transcript from their undergraduate institution prior to requesting an early admission decision. If an early admission decision is granted by the graduate coordinator, students who will receive their undergraduate degree from an institution other than Midwestern State University will be required to submit an official transcript documenting the degree conferred prior to registration for classes. However, students who will receive their undergraduate degrees from Midwestern State University will be able to register for classes, during the scheduled registration periods, upon receipt of a Permit to Register. MSU students who have been allowed to register prior to graduation will be dropped from their graduate classes if they fail to graduate as planned. Note: Not all University departments allow early admission into their graduate programs.

Admission to the Dr. Billie Doris McAda Graduate School

Unconditional Admission

An applicant who meets each of the following admission criteria may be eligible for unconditional admission by the graduate faculty of the student's intended major:

1. A bachelor's degree from a regionally accredited institution. The McAda Graduate School must receive an official transcript, including one on which a bachelor's degree is posted, directly from each institution the applicant has attended. International graduate student applicants must submit a course-by-course credential evaluation with GPA that includes verified transcripts. MSU strongly prefers the WES ICAP evaluation, but will accept a comparable evaluation from an NACES member.
2. A cumulative undergraduate GPA of at least 3.0 from the student's graduating institution.
3. A competitive score on the standardized graduate test, if required by the graduate program. The requirement for standardized test scores is decided at the college level. The student should contact the graduate coordinator of the intended graduate program for information. The McAda Graduate School must receive official admissions test scores directly from the organization that administers the test.
4. An undergraduate background judged by the graduate faculty of the student's intended major to be adequate for success in the student's intended major.

Conditional Admission

An applicant who does not meet each of the above admission criteria may be eligible for conditional admission by the graduate faculty of the student's intended major if the applicant has the following:

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

1. A bachelor's degree from a regionally accredited institution. The McAda Graduate School must receive an official transcript, including one on which a bachelor's degree is posted, directly from each institution the applicant has attended. International graduate student applicants must submit a course-by-course credential evaluation with GPA that includes verified transcripts. MSU strongly prefers the WES ICAP evaluation, but will accept a comparable evaluation from an NACES member.
2. An official score for the standardized graduate test, if required by the graduate program. The requirement for standardized test scores is decided at the college level. The student should contact the graduate coordinator of the intended graduate program for information. The McAda Graduate School must receive official admissions test scores directly from the organization that administers the test.

A student who is conditionally admitted must earn a grade point average of 3.0 or better in the first four graduate courses (which total at least 12 semester credit hours) applicable to the student's graduate major. Students who are assessed additional undergraduate leveling work must complete that work at the direction and to the satisfaction of the coordinator of the student's graduate major. To continue in the program, the student must meet the conditions set forth in the conditional admission.

Provisional Admission

A student may be admitted in the provisional admission status if ~~the official~~ transcripts **and test scores, if required by their graduate program.** have not been received in the McAda Graduate School in a timely manner to facilitate admission decisions. To be considered for this admission status, students must present a transcript with proof of a bachelor's degree conferred **and test scores**. Final transcripts and test scores must be received no later than 30 calendar days after the first day of class in the semester in which a student matriculates. An incomplete-credentials hold will be placed on the student's record preventing future registration until all transcripts **and test scores** are received and the student has been admitted into a graduate program. If ~~official~~ transcripts **and test scores** are not received prior to the last day for an official withdrawal, the student may be administratively withdrawn from the University. Students who are administratively withdrawn are only due refunds in accordance with the MSU refund schedule. Not all graduate programs offer provisional admission status.

Admission Based on Previous Master's or Higher Degree

An applicant who has earned a master's or higher degree from a regionally accredited institution of higher education may be accepted on the basis of such degree. Determination of conditions, if any, will be made by the graduate program coordinator.

20. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Killion seconded and the motion was adopted.

Robert D. and Carol Gunn College of Health Sciences and Human Services – Radiological Studies

Catalog Changes to Radiological Studies – Effective Fall 2023

The Shimadzu School of Radiologic Sciences

←Return to: Robert D. & Carol Gunn College of Health Sciences and Human Services

- The Master of Science in Radiologic Sciences
 - The Shimadzu School of Radiologic Sciences’ MSRS Mission Statement
 - Program Description and Educational Objectives
 - Admission Standards and Requirements
 - Admission to Candidacy
 - Degree Requirements
 - Programs and Courses
-

Beth Vealé
Chair, The Shimadzu School of Radiologic Sciences

Lynette Watts
Graduate Coordinator

Graduate Faculty: Dillard, ~~Johnston~~, Killion, Vealé, Watts

Emeritus Faculty: Bugg, **Johnston**

The Master of Science in Radiologic Sciences

The Master of Science in Radiologic Sciences (**MSRS**) is a professional program of study with majors in Radiologic Administration, Radiologic Education, or Radiologist Assistant (**RA**).

The Shimadzu School of Radiologic Sciences’ MSRS Mission Statement

The Master of Science in Radiologic Science (MSRS) program strives to be the premier provider of graduate radiologic science on a state, national, and international level by offering opportunities for development in education, research, leadership, and clinical practice. The program prepares leaders in radiologic administration, radiologic education, and advanced radiologic clinical **practice** by:

- Offering opportunities to work with graduate faculty in producing scholarly works, either through applied or original research projects;

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

- Providing coursework where students can pursue scholarly writing, projects, presentations, and clinical experiences uniquely tailored to their interests (student-centered learning); and
- Empowering students to pursue other educational opportunities such as doctoral work, leadership development, and advanced clinical practice.

Program Description and Educational Objectives

The program features a discipline-specific **comprehensive** approach to graduate education and is offered in a hybrid distance learning format ~~which~~ **that** requires students to make visits to the campus each semester. The unique curriculum design permits working professionals to complete the degree with minimal on-campus requirements while preserving the benefits of face-to-face ~~contact~~ **interactions** with fellow graduate students. Students benefit from the diverse experiences of their colleagues. All Radiologic Science **medical imaging and therapy** disciplines and modalities are represented in the student population including radiography, radiation therapy, nuclear medicine, magnetic resonance imaging, and sonography. Most of the course requirements are completed independently and coordinated electronically. A limited number of master's-level courses are available online.

The Radiologic Administration major and the Radiologic Education major have a core requirement of 12 graduate hours in radiologic sciences plus 22 required hours for the thesis track or 25 required hours for the non-thesis track. The Radiologist Assistant **RA** major has a core requirement of 12 graduate hours in radiologic sciences plus 43 required hours for the thesis track or 40 required hours for the non-thesis track.

The department offers an alternative route ~~to the Radiologist~~ **Assistant for currently certified RAs to achieve a Master's Degree. Technologists** for technologists who have completed a recognized Radiologist Assistant **RA** program, have a ~~BSRS~~ **bachelor's** degree, and have passed the national certification examination for Registered Radiologist Assistants (**R.R.A.**) administered by the American Registry of Radiologic Technologists (ARRT). **will be granted a block credit of 22-hours.** The alternative route offers both a thesis or non-thesis option.

Competitive scholarships may be available to qualified applicants, and for students in Academic Common Market states there is an established mechanism to waive out-of-state tuition fees.

Admission Standards and Requirements

1. **Submission of an** application for admission to the **Midwestern State University Graduate Program** ~~is available on the web site at <https://msutexas.edu/academics/graduate-school/how-to-apply.php>.~~ In addition to completing MSU admission application materials, applicants must complete a separate
2. **Submission of an** application for admission to **MSRS Admissions** ~~The Shimadzu School of Radiologic Sciences, which can be made to MSRS Admissions.~~

~~The Graduate Coordinator will provide the applicant with all necessary application materials upon request. NOTE: Applicants to the radiologist assistant major must complete additional admission requirements, including an interview. Applicants to the radiologist assistant major must have~~

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

current ARRT certification in radiography and must have a minimum of two years clinical experience. **See Specific Additional Requirements for RA Majors.**

A. Program Admission

1. Students must meet the general admission requirements to graduate study prescribed by the *Midwestern State University Graduate Catalog*.
2. An accredited bachelor's degree from a university recognized by Midwestern State University. Applicants who graduated from a university outside the United States may have to provide a degree equivalency evaluation.
3. Have a minimum cumulative GPA of 3.0 or greater on all college-level work and be in good academic standing. Students with a cumulative GPA below 3.0 may be required to take the Graduate Record Exam (GRE) and may be admitted under conditional status.
4. Submit a curriculum vitae (CV).
5. Submission of an essay.
6. Applicants are required to demonstrate proficiency in English when applying to Midwestern State University. Written and spoken proficiency in the English language may be demonstrated by one of the following options:
 - a. Option 1 - English is your first language.
 - b. Option 2 - Graduated from a regionally accredited four-year college/university in the United States with a bachelor's or graduate degree.
 - c. Option 3 - Acceptable scores on the Test of English as a Foreign Language (TOEFL) or IELTS.

B. Previous Master's Degree

Applicants who have earned a master's or higher degree from a regionally accredited institution of higher education may be accepted on the basis of such degree. Determination of conditions, if any, will be made by the Graduate Coordinator.

C. ~~Additional admission~~ **Admission requirements Requirements** for all MSRS ~~candidates~~ **Candidates**

Hold credentials in one of the medical imaging modalities or radiation therapy.

D. ~~Specific additional~~ **Additional requirements Requirements** for RA ~~majors~~ **Majors**

Enrollment in the RA courses is limited and competitive. Students must be approved by the faculty for entry into the RA professional courses. ~~following an interview~~. Applicants are rank-ordered according to a formula based on, but not limited to, several criteria such as grade point average, endorsement of a radiologist preceptor, clinical environment, essay, interview, and previous experiences in medical imaging environments.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

1. Students must submit the following with the MSRS application:
 - a. Students must provide documentation of Professional Certification. The RA curriculum is based on general diagnostic radiography clinical practice. Applicants must have a working knowledge of general diagnostic radiography procedures. Evidence = Copy of current ARRT card showing certification in radiography **(RT(R))**.
 - b. Students must provide documentation of the Formal Written Agreement with the Radiologist Preceptor/Group. ~~Although one radiologist will be identified as the preceptor, it is better for students to develop an arrangement with a group of radiologists rather than with an individual radiologist.~~ The Preceptor Agreement must be approved and accepted by the MSU faculty.
 - c. Students must submit the email addresses of at least one radiologist and one current work supervisor for references.
2. Before entry into clinical rotations, students must submit the following:
 - a. Students must provide documentation of two (2) years of clinical experience within the previous ten (10) years. Evidence = Letters from appropriate employers/human resource departments.
 - b. Students must provide documentation of current American Heart Association (AHA) Basic Life Support (BLS) AND Advanced Cardiac Life Support (ACLS) Provider status. Evidence = Copy of current AHA BLS and ACLS card.
 - c. Students must be in compliance with Texas Mandated Immunizations.
 - d. Students must provide documentation of the Formal Written Agreement with the Clinical Facility. ~~The students, their preceptors, and the Clinical Facility need to be aware of the variety and quantity of procedures required.~~ The Clinical Facility Agreement has **must** to be approved and accepted by the MSU faculty.
 - e. Students must pass a 10-panel drug test and background screening.
 - f. Students ~~may have~~ **must complete** any other requirements listed in the clinical affiliation agreement.

Admission to Candidacy

Graduate students in their last semester in the program will submit a completed candidacy form to their Graduate Advisory Committee. The Graduate Advisory Committee will review the application for candidacy and make a recommendation. The student will be notified of this action.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Degree Requirements

The program leading to the ~~Master of Science in Radiologic Sciences~~ **MSRS** with majors in Radiologic Administration, Radiologic Education, and ~~Radiologist Assistant~~ **RA** has a common core of 12 graduate hours. Each major requires variable numbers of graduate hours in the major and graduate level electives. All majors offer a thesis or non-thesis option.

Satisfactory Student Progress

Graduate students are expected to ~~do uniformly~~ **perform** high-quality **high-quality** work ~~on all~~ **in all** MSRS courses ~~work pursued~~ (course grades of A or B). Only grades of A or B are acceptable for graduate courses transferred from another university.

Graduate students may earn a grade of C on as many as two graduate courses and remain in the MSRS program as long as their cumulative grade point average remains 3.0 or higher. If a graduate student earns a grade of C on more than two graduate courses, the student will be dismissed from the MSRS program. Any grade below a C will ~~also~~ result in dismissal from the MSRS program.

Thesis

Students pursuing the thesis option are expected to write a substantial proposal and have the proposal approved by the Thesis Advisor and the Graduate Advisory Committee prior to enrolling in the first thesis course (RADS 6983). The thesis is to be prepared in accordance with the guidelines of the current *Publication Manual of the American Psychological Association*. Additional information regarding the thesis is found in the academic requirements section of this catalog.

Research Project

Students pursuing the non-thesis option are required to submit a substantial research project. The completed research project must be submitted to the ~~College Office~~ **Graduate Coordinator** at least three weeks before the end of the semester. A copy of the approval page will be sent to the Office of the Registrar to verify completion of this requirement. Papers must be prepared in accordance with the guidelines of the current *Publication Manual of the American Psychological Association*.

Final Comprehensive Examination

At the completion of all required didactic course work, the student is required to take a written comprehensive examination. The student will schedule the examination with the Graduate Coordinator at the completion of the required course work. The results will be reported as a Pass or Not Pass. If the student receives a Not Pass on the examination, ~~he/she~~ **they** may repeat the examination the following semester. A student is allowed to repeat the examination twice before additional course work is required.

Programs and Courses

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Programs

Major

- Radiologic Sciences, M.S.R.S.

Courses

Radiologic Sciences

- RADS 5003 - Research Methods I
- RADS 5013 - Contemporary Trends in Radiologic Sciences
- RADS 5023 - Legal and Regulatory Considerations in Radiologic Sciences
- RADS 5033 - Leadership for Change in Radiologic Sciences
- RADS 5043 - Advanced Patient Assessment, Management and Education
- RADS 5103 - Management Techniques for Radiologic Sciences Administrators
- RADS 5124 - Financial Management in Radiologic Sciences Administration
- RADS 5152 - Introduction to Advanced Radiologic Practice
- RADS 5156 - RA Clinical Preceptorship I
- RADS 5204 - Curriculum, Instruction, and Assessment in Radiologic Sciences Education
- RADS 5223 - Administration of Radiologic Sciences Educational Programs
- RADS 5233 - Evidence-Based Project in Radiologic Sciences Administration
- RADS 5243 - Evidence-Based Project in Radiologic Sciences Education
- RADS 5256 - RA Clinical Preceptorship II
- RADS 5356 - RA Clinical Preceptorship III
- RADS 5456 - RA Clinical Preceptorship IV
- RADS 5552 - Pharmacology and Clinical Decision-Making in Medical Imaging
- RADS 5556 - RA Clinical Preceptorship V
- RADS 6003 - Special Graduate Topics in Radiologic Sciences Administration
- RADS 6113 - Special Graduate Topics in Radiologic Sciences Education
- RADS 6233 - Assessment and Accreditations for Radiology Administrators
- RADS 6333 - Special Graduate Topics in Advanced Clinical Practice
- RADS 6343 - Accreditation and Assessment in Radiologic Science Education Programs
- RADS 6443 - Survey Design in Radiologic Sciences
- RADS 6553 - Graduate Data Analysis in Radiologic Sciences
- RADS 6773 - Research Methods II
- RADS 6983 - Thesis I
- RADS 6993 - Thesis II

← Return to: Robert D. & Carol Gunn College of Health Sciences and Human Services

21. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Watson seconded and the motion was adopted

3. Prothro-Yeager College of Humanities and Social Sciences

Catalog Changes to English – Effective Fall 2023

ENGL 5043 Introduction to Graduate English

Description. Introduces students to the key scholarly conversations in English Studies as well as the primary forms of academic research and scholarly writing in the discipline. This course should be taken in the first year of coursework. **Students must make a B in order to continue enrolling in English graduate courses.**

Prerequisites(s) none

Lecture/Lab 3(3-0)

22. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Watson seconded and the motion was adopted.

Catalog Changes to History, M.A. – Effective Fall 2023

History, M.A.

The requirements for the degree of Master of Arts with a major in history are as follows:

Major

Five-Year Path Option - 30 semester hours

Thirty (30) semester hours of approved graduate History courses including

- HIST 6003 - Graduate Seminar (6 hours)
- HIST 6103 - Methods and Historiography
- **HIST 6503 – Preparing Historians**

Note: Original Paper Requirement

An original paper of publication quality meeting guidelines established by the department.

Thesis Option - 30 semester hours

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Thirty (30) semester hours of approved graduate History courses including

- HIST 6003 - Graduate Seminar (6 hours)
- HIST 6103 - Methods and Historiography
- **HIST 6503 – Preparing Historians**
- HIST 6983 - Thesis I
- HIST 6993 - Thesis II

Non-Thesis Option - 36 semester hours

This option is recommended for students who do not intend to pursue graduate studies beyond the M.A. level.

Thirty-six (36) semester hours of approved graduate History courses including

- HIST 6003 - Graduate Seminar (~~9 hours~~) **(12 hours)**
- HIST 6103 - Methods and Historiography
- **HIST 6503 – Preparing Historians**

Note: Research Requirement.

A substantial research paper meeting guidelines established by the department and the graduate school.

Non-Thesis Option with an Outside Course Sequence Option - 36 semester hours

This option is recommended for students who do not intend to pursue graduate studies beyond the M.A. level and desire to establish credentials in an additional field.

Thirty-six (36) semester hours of approved graduate courses including

- Outside Sequence: 6 to 12 hours of approved graduate course work in a field outside of History.
- HIST 6003 - Graduate Seminar (~~6 hours~~) **(12 hours)**
- HIST 6103 - Methods and Historiography

Note: Research Requirement.

A substantial research paper meeting guidelines established by the department and the graduate school.

23. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Capps seconded and the motion was adopted

4. Gordon T. And Ellen West College of Education

Catalog Changes to Human Resource Development, M.A. – Effective Fall 2023

Effective Fall 2023

Human Resource Development, M.A.

Mission Statement: The Master of Arts with a major in human resource development, which requires 39 semester hours, prepares individuals to work in business, industry, or government in employee assistance, training, or employee development programs. Upon completion of this degree students will have the foundation to impart knowledge, change attitudes, and increase skills.

A candidate may be required to submit a graduate portfolio to the graduate committee as part of the written comprehensive examination. The portfolio consists of selected papers demonstrating the student's research competence, audio or video tapes demonstrating counseling competence, and the results of a written comprehensive examination demonstrating informational and theoretical mastery. Enrollment in courses with the COUN prefix (with the exception of COUN 6013) requires admission to the Master of Arts in human resource development program or permission of the Counseling Program Coordinator.

Human Resource Development Requirements:

~~COUN 5113 – Mediation~~

EDLE 5713 - Leading through Effective Communication

COUN 5223 - Career Development Counseling

COUN 5333 - Employee Assistance Issues

COUN 5373 - Human Resource Development Ethical Issues

COUN 5413 - Professional Orientation for Human Resource Development

COUN 6013 - Human Relations

COUN 6073 - Communication Skills for Human Resource Development

COUN 6943 - Graduate Seminar in Human Resource Development

EDUC 5053 - Introduction to Research

EDUC 5513 - Introduction to Training and Development

EDUC 5523 - Trends and Issues in Training and Human Resource Development

EDUC 5533 - Instructional Strategies for Adult Learners

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

EDUC 5583 - Graduate Internship in Training and Development

Human Resource Development with a concentration in Training and Development Requirements:

COUN 5333 - Employee Assistance Issues

COUN 5373 - Human Resource Development Ethical Issues

COUN 5413 - Professional Orientation for Human Resource Development

COUN 6013 - Human Relations

COUN 6073 - Communication Skills for Human Resource Development

COUN 6943 - Graduate Seminar in Human Resource Development

EDUC 5053 - Introduction to Research

EDUC 5513 - Introduction to Training and Development

EDUC 5523 - Trends and Issues in Training and Human Resource Development

EDUC 5533 - Instructional Strategies for Adult Learners

EDUC 5583 - Graduate Internship in Training and Development

6 hours technology from:

IDT 5103 - Digital Literacies: Navigate, Evaluate, and Create

IDT 5123 - Instructional Technology Design

IDT 5133 - Technology Integration

IDT 5143 - Multimedia Development I

IDT 5173 - Multimedia Development II

24. Dr. Ziegler made a motion to adopt the following graduate course and catalog changes. Dr. Killion seconded and the motion was adopted

Course Inventory Changes

SPED 5103. Survey of Dyslexia and Related Learning Disabilities

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Description: A study of the characteristic symptoms of dyslexia, implications of the disorder, and multisensory and discovery language remediations techniques ~~using the Texas Scottish Rite Hospital for Children (TSRHC) Take Flight: A comprehensive Intervention for Students with Dyslexia intervention program.~~

Prerequisites(s). None

Lecture/Lab 3(3-0)

SPED 5113. Promoting Early Language development of the Dyslexic Student/Practicum

Description: An introduction to teaching beginning reading, spelling, and handwriting focused on ~~the TSRHC “Take Flight” approach to teaching~~ basic language skills. Teachers plan, present and evaluate instructional sequences for students with dyslexia.

Prerequisites(s) None

Lecture/Lab 3(3-3)

SPED 5123. Reading Fluency Instruction and Assessment for the Dyslexic Student/Practicum

Description: ~~Continuation of training in the TSRHC “Take Flight” based techniques taught in EDUC 5113.~~ Includes a systematic exploration of the articulation of phonemes, fluency, testing procedures, and data collection to evaluate student growth and effectiveness of instructional approach.

Prerequisites(s) None

Lecture/Lab 3(3-3)

SPED 5143. Cognitive and Linguistic Structure of Written Language for the Dyslexic Student/ Practicum Experience

Description: Focuses on skills for teaching upper level language skills involving reading, spelling, and handwriting ~~using the TSRHC “Take Flight” based Approach.~~

Prerequisites(s) None

Lecture/Lab 3(3-3)

Catalog Changes to Special Education, M Ed. Effective Fall 2023

Effective Fall 2023

Special Education, M.Ed.

Mission Statement: The mission of the Master of Education degree with a major in Special Education is to prepare candidates to lead their schools and communities in providing services to students with disabilities.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

The Master of Education in Special Education is for teachers who have Texas certification in special education is designed to prepare them as Educational Diagnosticians who can use their leadership in providing services to students with disabilities in their schools and communities. Completion of the degree requirements allows students to apply for professional certification upon satisfactory completion of the state mandated TExES requirement as an Educational Diagnostician.

The Master of Education in Special Education for graduates will prepare them with the knowledge and skills required to provide leadership on their campuses and in their communities in providing services for students who have disabilities. The degree will then help them develop knowledge and skills in a variety of advanced areas of special education. Students completing the Master of Education with a major in Educational Leadership with a Special Education concentration may concurrently include courses for diagnostician certification upon approval of the Educational Leadership and Special Education program coordinators.

The Master of Education in Special Education with an emphasis in dyslexia is designed for teachers interested in working with children or adults who have dyslexia or related disorders. Completion of this degree qualifies the student to apply for professional certification upon completion of a comprehensive examination by the Academic Language Therapists Association (ALTA). Upon passing the exam, graduates will also receive the title of Licensed Dyslexia Therapist (LDT).

An application for professional certification as an Educational Diagnostician requires three years of classroom teaching in an accredited school. An applicant for the Master of Education degree in special education and Texas Educational Diagnostician's Certificate must present the following minimum criteria for acceptance into the graduate program:

1. bachelor's degree and standard Texas Teacher Certificate or equivalent;
2. a grade point average of 3.0 in previous education courses; and
3. additionally, successful committee screening on selected criteria.

Major in Special Education (Degree only, non-Educational Diagnostician Pathway)

The program consists of 36 semester hours.

COUN 6013 - Human Relations

EDUC 5053 - Introduction to Research

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

EDUC 6753 - Applied Research

SPED 5013 - Exceptional Individuals

SPED 6013 - Teaching Strategies for Affective Disorders

SPED 6033 - Early Childhood Special Education

SPED 6203 - Special Education Law for Non-Texas Certification Majors

SPED 6263 - Vocational, Motor Skills and Assistive Technology Assessment for Non-Texas Certification Majors

SPED 6273 - Foundations of Special Education Leadership for Non-Texas Certification Majors

SPED 6933 - Ethics and Practice Standards in Special Education for Non-Texas Certification Majors

SPED 6953 - Special Graduate Topics in Special Education

Three (3) hours of approved electives.

Major in Special Education (Degree with Educational Diagnostician Pathway)

This pathway completes the required course work for Educational Diagnostician certification. For information regarding the certification, contact advisor. The program consists of 36 semester hours.

COUN 6013 - Human Relations

EDUC 5053 - Introduction to Research

EDUC 6753 - Applied Research

SPED 5613 - Foundations of Special Education

SPED 6013 - Teaching Strategies for Affective Disorders

SPED 6613 - Individual Assessment I

SPED 6623 - Individual Assessment II

SPED 6633 - Vocational, Motor Skills, and Assistive Technology Assessment

SPED 6913 - Special Education Law

SPED 6943 - Practicum in Special Education

SPED 6953 - Special Graduate Topics in Special Education

SPED 6963 - Ethics and Practice Standards in Special Education

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Major in Special Education (Non-Texas Certification)

This degree is designed for anyone interested in psychometric testing that is not seeking Texas certification. The program consists of 36 semester hours.

COUN 6013 - Human Relations

EDUC 5053 - Introduction to Research

EDUC 6753 - Applied Research

SPED 5613 - Foundations of Special Education

SPED 6013 - Teaching Strategies for Affective Disorders

SPED 6203 - Special Education Law for Non-Texas Certification Majors

SPED 6213 - Individualized Assessment I for Non-Texas Certification Majors

SPED 6223 - Individualized Assessment II for Non-Texas Certification Majors

SPED 6263 - Vocational, Motor Skills and Assistive Technology Assessment for Non-Texas Certification Majors

SPED 6283 - Practicum in Special Education for Non-Texas Certification Majors

SPED 6933 - Ethics and Practice Standards in Special Education for Non-Texas Certification Majors

SPED 6953 - Special Graduate Topics in Special Education

Major in Special Education with Dyslexia Emphasis Only

The Master of Education degree in Special Education with an emphasis in dyslexia provides the opportunity for the student to become a specialist in the field of dyslexia and related learning differences. The program requires two years of graduate study, extensive practice teaching hours, and clinical teaching hours.

Professional certification as a LDT requires the following:

A master's degree from an accredited institution

Completion of comprehensive therapist training under the supervision of a Qualified Instructor that includes a minimum of 200 instructional hours, a minimum of 700 clinical/teaching hours, a minimum of 10 demonstrations, clinical/teaching documentation, and proof of the therapist's progress and competency.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Acceptable performance on a comprehensive examination administered by ALTA.

Completion of 3 CEUs (30 contact hours) every three years.

The program consists of 36 semester hours.

Course Credit for CALT:

SPED 5103 - Survey of Dyslexia and Related Learning Disabilities

SPED 5113 - Promoting Early Language Development of the Dyslexic Student/Practicum Experience

SPED 5123 - Reading Fluency Instruction and Assessment for the Dyslexic Student/Practicum Experience

SPED 5133 - Morphological and Syntactical Awareness for the Dyslexic Student/Practicum Experience

SPED 5143 - Cognitive and Linguistic Structure of Written Language for the Dyslexic Student/Practicum Experience

Additional Courses:

COUN 6013 - Human Relations

EDUC 5053 - Introduction to Research

EDUC 6753 - Applied Research

SPED 5013 - Exceptional Individuals

SPED 6013 - Teaching Strategies for Affective Disorders

SPED 6203 - Special Education Law for Non-Texas Certification Majors

SPED 6933 - Ethics and Practice Standards in Special Education for Non-Texas Certification Majors

Additional Information:

The applicant must provide proof they are enrolled in a Certified Academic Language Therapist (CALT) Training Program as part of the application process.

~~Course content and techniques are based on Take Flight: A Comprehensive Intervention for Students with Dyslexia. Other~~ **Dyslexia training** programs delivered at a qualifying IMSLEC are also eligible for this degree option.

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

Major in Special Education with Dyslexia Emphasis (Degree with Educational Diagnostician Pathway). Option for students already certified to teach special education.

Educational Diagnostician Certification is available with this Dyslexia emphasis for students holding an undergraduate degree/certification in Special Education. Students must declare Educational Diagnostician program at admission. The program consists of 42 semester hours.

Course Credit for CALT:

SPED 5103 - Survey of Dyslexia and Related Learning Disabilities

SPED 5113 - Promoting Early Language Development of the Dyslexic Student/Practicum Experience

SPED 5123 - Reading Fluency Instruction and Assessment for the Dyslexic Student/Practicum Experience

SPED 5133 - Morphological and Syntactical Awareness for the Dyslexic Student/Practicum Experience

SPED 5143 - Cognitive and Linguistic Structure of Written Language for the Dyslexic Student/Practicum Experience

Additional Courses:

EDUC 5053 - Introduction to Research

EDUC 6753 - Applied Research

SPED 6013 - Teaching Strategies for Affective Disorders

6 Additional Courses for Educational Diagnostician:

Adding Educational Diagnostician is available with this degree option for students with the addition of the following 6 courses when the decision is made at the admission of the dyslexia program.

SPED 6613 - Individual Assessment I

SPED 6623 - Individual Assessment II

SPED 6633 - Vocational, Motor Skills, and Assistive Technology Assessment

SPED 6913 - Special Education Law

SPED 6943 - Practicum in Special Education

All proposed changes are marked as such: deleted items are marked with a strikethrough line and new items are in bold and underlined. Italicized wording is justification or clarification from the proposing department/college.

SPED 6963 - Ethics and Practice Standards in Special Education

Additional Information:

The applicant must provide proof they are enrolled in a Certified Academic Language Therapist (CALT) Training Program as part of the application process.

~~Course content and techniques are based on Take Flight: A Comprehensive Intervention for Students with Dyslexia. Other~~ **Dyslexia training** programs delivered at a qualifying IMSLEC are also eligible for this degree option.

Adjournment:

There being no other business, the meeting was adjourned at 2:40 p.m.

Respectfully submitted,
Melissa Boerma
Assistant to the Provost