

University Curriculum Committee

March 13, 2023

ZOOM

2:30pm

Calling of the Roll

Announcements

Old Business

- MGT 5055 – Executive Decision Making
 - Approved as a new course in February 2023. However, the implementation date was inadvertently listed as Fall 2024 instead of Fall 2023. This is to allow the Fall 2023 implementation of the course.

Meeting Minute Approval

- February 13, 2023 meeting minute approval.

Consent Agenda Items – All items require final approval by the Provost/SVP Academic Affairs

- **Course Description Update** **Implementation Spring 2024**
 - LDSP 5160 – Organizational Strategy for Leaders
 - Old Description:
Examines the strategic nature of leadership: how leaders create form and focus out of chaos to achieve goals. Drawing from diverse disciplines, topics include the evolution of strategic thinking, application of strategy, game theory, and relationship of strategy to systems, information, and execution.
 - New Description:
Examines the strategic nature of leadership: how leaders create form and focus out of chaos to achieve goals. Drawing from diverse disciplines, topics include strategic thinking, application and execution of strategy, and agile leadership.
- **Course prerequisite updates** **Implementation Spring 2024**
 - BIOL 5650 – Field Studies in Biogeography and Biodiversity
 - Updating the prerequisite to Admission to M.S. Biology or permission of instructor. This update will allow the bulletin and banner to match.

- **Course prerequisite updates** **Implementation Fall 2024**
 - MGT 3640 – Business Modeling
 - Removing MGT 3610 (Entrepreneurship) as a prerequisite.
 - MGT 4640 – Venturing
 - Removing 3630 (Creativity and Ideation) and 3640 (Business Modeling) as prerequisites.
- **Course Co-requisite Update** **Implementation Fall 2023**
 - BIOL 5000 – Research Methods
 - Adding the BIOL 5001 (Methods of Biological Research Lab) as a required co-requisite
- **Course Credit Hour Change** **Implementation Fall 2024**
 - MLS 4500 – Research
 - Updating the credit hours to variable 1-4 to allow more flexibility for students.
 - RLTN 4110 – Special Topics
 - Making the course variable hours (1-16) to assist with deleting duplicate course titles.
- **Course Deletions** **Implementation Spring 2024**
 - EDUC 3090 – Elementary School Curriculum, Methods, and Philosophy
 - This course has not been taught in the past 6 years.
 - MATH 530A -Special Topics
 - Updated course to MATH 5330 and this course is no longer needed.
 - RLTN 4120 – Special Topics
 - This course is currently a duplicate title, it is being deleted and RLTN 4110 (Special Topics) is being made variable and repeatable.
 - RLTN 4130 – Special Topics
 - This course is currently a duplicate title, it is being deleted and RLTN 4110 (Special Topics) is being made variable and repeatable.
- **Course Deletions** **Implementation Fall 2024**
 - MKT 3610 – e-Commerce I
 - The course is outdated and no longer relevant for the major.

Action Agenda Items

Academic Affairs

Policy Revisions

- Policy 2:001 Curricular Development and Modification Approval
 - Updating verbiage for clarity of what each committee responsibilities are and the flow of the approval process

General Education Core Additions

- LING 2020 - Dialects of English
 - As elaborated in the syllabus (see subsections of the semester overview on p. 6), the course relates to skills in: linguistics (dialect differences occur at the level of sounds, words, sentences, and meanings), geography (e.g. New Yorkers have a sound that is distinct from Tennesseans; or where Germans settled in the U.S., there are different grammar constructions from where the Scots-Irish settled), sociology (there are dialect difference based on ethnicity, socioeconomic status, level of education, gender, etc.), and history (older speakers do not speak similarly to younger speakers; or dialect features like “a comin” are actually retentions from Middle English, which used ‘on coming’). In short, the skills are extraordinarily broad and interdisciplinary, even though the topic of dialects may seem narrow to some. Dialects simply offer a nice way to frame the broad array of content that pertains to the behavioral science core.
 - Whether y’all drink pops or sodas, or reckon that indubitably is an every-day word, the way we speak reveals an awful lot about us: our home base, educational background, social affiliations, and much more! This course explores as a social science such details in English varieties spoken across the globe.

Martha Dickerson Eriksson College of Education

Department of Teaching and Learning – represented by Benita Bruster

Graduate Program Modification – Final approval required by the Provost/SVP Academic Affairs

1. Teaching, M.A.T.

Implementation Spring 2024

Removing the GRE requirement as a admissions requirement for the program.

College of Arts and Letters

Department of Languages and Literature – represented by Osvaldo DiPaolo

Graduate Program Modification – Final approval required by the Provost/SVP Academic Affairs

2. English, M.A. Implementation Spring 2024
 - Adding an option for the major to be completely online.
3. Creative Writing Concentration in English M.A. Implementation Spring 2024
 - Adding an option for the major to be completely online.
4. Linguistics Concentration in English M.A. Implementation Spring 2024
 - Adding an option for the major to be completely online.

College of Business

Department of Management and Marketing – represented by Mickey Hepner

Undergraduate Program Modification – Final approval required by the Provost/SVP Academic Affairs

5. Human Resources Management Minor Implementation Fall 2024
 - Adding a new minor in Human Resource Management. This minor will provide theoretical and practical knowledge in a variety of HR areas, including Human Resources management, employment law, and diversity.
2. Human Resources Management Concentration, B.B.A. Implementation Fall 2024
 - A concentration in Human Resource Management (HRM) will include core BBA courses to give students broad knowledge in management challenges, including principles of management, marketing, accounting, finance, and economics. With this knowledge students with a concentration in HRM will learn to apply and design human resources (HR) practices legally, ethically, and in a socially responsible manner. Graduates of this concentration will develop theoretical and practical knowledge in a variety of HR areas, including HR management, employment law, and diversity. Electives will give students exposure to additional facets of HR.

College of Science, Technology, Engineering, and Mathematics

Department of Allied Health Sciences – represented by Jasmine O'Brien

Undergraduate New Courses – Final approval required by the Provost/SVP Academic Affairs

6. RLTN 4510 – Clinical Education 1 in Nuclear Medicine Implementation Spring 2024
 - This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper

route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

7. RLTN 4512 – Patient Care in Radiology Implementation Spring 2024
 - This course provides an overview of the basics of patient care including aseptic techniques, intravenous catheter placement and injections, blood drawing, urinary catheters, moving and lifting patients, ECG monitoring and gating, use of infusion pumps (i.e., gravity IV and syringe pumps), fasting blood sugar and use of glucometers, obtaining and assessing patient history and condition, communication with patients and staff, and the handling of emergencies. Within this course, students obtain venipuncture competencies. Topics related to organizational structure of healthcare teams, medical ethics, patient confidentiality, and HIPPA responsibilities are presented. The course also includes discussions of health records and health information management.

8. RLTN 4513 – Physics and Instrumentation 1 Implementation Spring 2024
 - This course begins with an overview of the basics of nuclear medicine physics, including the structure of the atom, radioactive decay processes and laws, and interactions of radiation with matter. This is followed by a discussion of the topics related to radiation exposure and absorbed dose. The next sections discuss the concepts of radiation detection including gas-filled ionization detectors and scintillation detectors. The remaining sections are devoted to in-depth discussions of imaging instrumentation including scintillation cameras, single photon emission computed tomography (SPECT), positron emission tomography (PET), and x- ray computed tomography (CT) systems. The final section covers the theory and performance of quality assurance of dose calibrators, scintillation counting systems, and planar, SPECT, PET, and CT systems with emphasis on identifying and solving problems.

9. RLTN 4517 – Clinical Procedures Implementation Spring 2024
 - This clinical nuclear medicine experience/training consists of a series of clinical rotations using the clinical nuclear medicine facilities at Vanderbilt University Medical Center, Vanderbilt Children's Hospital, and the VA Medical Center. Rotations include nuclear pharmacy, and in vitro lab, patient care, cardiac stress testing, general nuclear medicine and positron emission tomography imaging procedures in adults and children, and quality assurance. The imaging rotations are established so that each student is assigned to a single independent work assignment supervised by a board-certified technologist, a radiopharmacist {radiopharmacy rotation}, or a radiology registered nurse {nursing rotation}. Rotations may be modified as needed during the second set of rotations to address noted deficiencies of specific students. Students receive written evaluations weekly from the supervisory staff. Proficiency testing is accomplished during later rotations in the form of clinical competency requirements.

10. RLTN 4520 – Clinical Rotations II Implementation Spring 2024
- This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.
11. RLTN 4521 – Physics and Instrumentation II Implementation Spring 2024
- This course begins with an overview of the basics of nuclear medicine physics, including the structure of the atom, radioactive decay processes and laws, and interactions of radiation with matter. This is followed by a discussion of the topics related to radiation exposure and absorbed dose. The next sections discuss the concepts of radiation detection including gas-filled ionization detectors and scintillation detectors. The remaining sections are devoted to in-depth discussions of imaging instrumentation including scintillation cameras, single photon emission computed tomography (SPECT), positron emission tomography (PET), and x- ray computed tomography (CT) systems. The final section is covers the theory and performance of quality assurance of dose calibrators, scintillation counting systems, and planar, SPECT, PET, and CT systems with emphasis on identifying and solving problems.
12. RLTN 4524 – Research Methods II Implementation Spring 2024
- This course provides an overview of common research methods in the health sciences. Throughout the course, students will identify a salient research topic in the field of nuclear medicine, design and complete their own research project, and prepare their projects for presentation. Projects will be presented at an annual professional society conference in either poster or oral format.
13. RLTN 4525 – Advanced Clinical Practice Implementation Spring 2024
- This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

14. RLTN 4530 – Clinical Rotations III

Implementation Spring 2024

- This course is designed to be taught in parallel with the Basic Sciences course and focuses primarily on the technical and operational aspects of performing clinical nuclear medicine procedures-including verification of orders, patient preparation and contraindications, explanation of procedures, administration of appropriate radiopharmaceutical by the proper route, preparation of proper instrumentation and auxiliary equipment as indicated by protocol, processing of images or data, and analysis of quality. Various clinical procedures useful in the diagnosis of pathological conditions in each primary organ system will be identified. In addition to diagnostic procedures, techniques and applications of radionuclides for radiotherapy procedures are also covered.

15. RLTN 4531 – Board Review

Implementation Spring 2024

- This course provides a thorough content review of major topic areas in the field of nuclear medicine technology with the intent of preparing students to take national board certification exams. In addition, multiple practice board exams are included within this course.

Department of Biology – represented by Gilbert Pitts

Graduate Program Modification – Final approval required by the Provost/SVP Academic Affairs

16. Biology, M.S.

Implementation Fall 2023

- Updating the elective hours to reflect the intent of the department. This update will clarify Degree Works and assist with student financial aid issues.