

Academic Council Minutes

January 15, 2014

The Academic Council did not meet on January 15, 2014. However, the agenda was distributed to the Council electronically and voting members responded with their vote to adopt or not adopt the New Business agenda items. The agenda was distributed to the following:

Voting members

Dr. Matthew Capps, Dean, Gordon T. and Ellen West College of Education
 Dr. Deborah Garrison, Associate Vice President for Academic Affairs
 and Dean of the Graduate School
 Dr. James Johnston, Dean, Robert D. and Carol Gunn College of Health Sciences
 and Human Services
 Dr. Lynn Little, Dean, College of Science and Mathematics
 Dr. Terry Patton, Dean, Dillard College of Business Administration
 Dr. Laura Fidelie, Faculty Senate Vice Chair
 Dr. Jim Sernoe, Interim Dean, Lamar D. Fain College of Fine Arts
 Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences
 Ms. Leona Sandiford, Student Government Association Vice President

Non-voting members

Ms. Naoma Clark, Director, Academic Support Center
 Ms. Reagan Foster, Staff Senate Representative
 Ms. Darla English, Registrar
 Ms. Linda Knox, Assistant Registrar
 Dr. Clara Latham, University Librarian
 Ms. Julian Lehman-Felts, Coordinator, Honors Program
 Mr. Matthew Park, Associate Vice President for Student Affairs and Dean of Students
 Ms. Leah Vineyard, Interim Director of Admissions
 Dr. Larry Williams, Director, International Programs

New Business

A majority of the voting members of the Academic Council approved the adoption of the following Undergraduate Course and Catalog Changes.

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

1. Update to the Degree Plan for the Bachelor of Science in Radiologic Science to meet the 120 semester credit hour core requirement, effective Fall 2014.

NOTE: Degree plan hours may be adjusted pending direction of the THECB requirement regarding computer proficiency.

Bachelor of Science in Radiologic Science Degree Plan 2014-2016 Catalog

COMMENTS: A minimum of 30 advanced (Jr/Sr level) semester hours are required of the total of 120 semester hours. Courses at MSU beginning with a 3 or 4 are advanced. Students MUST complete 12 semester hours at MSU from a particular catalog to graduate under that catalog. Students should keep a copy of this degree plan on file and update it periodically.

MAJOR (78 Sem. Hrs.)	Cr. Hrs		
ARRT REGISTRY	42		
RADS 3203 Pathophysiology	3	Professional Core (Required) (24 hrs)	
RADS 3213 Adv. Clinical Skills	3		
RADS 3503 Research	3		
RADS 3773 Radiobiology	3		
RADS 4633 Cont. Quality Improv	3		
RADS 4123 Data Analysis	3		
RADS 4643 Health Law	3		
RADS 4913 Applied Research	3		
RADS 3023 Adv Med Imaging Sci	3		SELECT ANY 4 COURSES (12 HRS)
RADS 3313 Radiation Therapy	3		
RADS 3413 Cardio. & Interventional	3		
RADS 3803 Intro to Nuc. Med Phys	3		
RADS 3833 Bone Densitometry	3		
RADS 4433 Practicum	3		
RADS 4513 Admin & Supervision	3		
RADS 4523 PACS in Radiology	3		
RADS 4623 Rad. Quality Control	3		
RADS 4713 Med Ultrasound.	3		
RADS 4723 Principles of CT	3		
RADS 4733 Sectional Anatomy	3		
RADS 4743 MRI	3		
RADS 4753 Mammography	3		
RADS 4763 Mammo Quality Practice	3		
RADS 4773 MRI Applications	3		
RADS 4783 CT Applications	3		
RADS 4813 Teaching Strategies	3		
RADS 4823 Student Teaching	3		
RADS 4833 Eval. Methods	3		
RADS 4903 Selected Topics	3		
RADS 4923 Internship	3		
SUB-TOTAL			

BASIC CORE (42 Sem. Hrs.)	Cr Hrs	Transferred Credits & Substitutions	
		Course Prefix & #	Institution
GOVERNMENT/POLITICAL SCIENCE			
POLS 1333 American Government	3		
POLS 1433 American Government	3		
COMMUNICATION			
ENGL 1113 Composition & Rhetoric	3		
ENGL 1123 Composition & Rhetoric	3		
AMERICAN HISTORY			
HIST 1133 Amer. History to 1865	3		
HIST 1233 Amer. History since 1865	3		
MATHEMATICS			
College Level Math	3		
CREATIVE ARTS			
Fine Arts	3		
SOCIAL & BEHAVIORAL SCIENCE			
Psychology OR Sociology	3		
SCIENCE			
Natural Science (1)	3		
Natural science (2)	3		
LANGUAGE, PHILOSOPHY, & CULTURE			
Humanities	3		
COMPONENT AREA			
Global (1)	3		
Global (2)	3		
<input type="checkbox"/> CORE COMPLETE			
SUB-TOTAL	42		

SUMMARY OF WORK REQUIRED FOR DEGREE	Cr. Hrs.	Adv. Hrs.
MAJOR	78	36
BASIC CORE	42	0
Writing Proficiency Exam Requirement Competed		
TOTAL	120	36*

IMPORTANT: MUST TAKE AT LEAST 30 HOURS FROM MSU
*WRITING PROFICIENCY EXAM-REQUIRED TO GRADUATE

2. Undergraduate Catalog Update in Respiratory Care, effective Fall 2014.

RESPIRATORY CARE

Jennifer Gresham ~~Annette O. Medford~~, Chair (J.S. Bridwell Hall 301C)

Tammy Kurszewski, Clinical Chair (J.S. Bridwell Hall 301D)

Assistant Professors: **Case**, Gresham, Helton, **Judie**, Kurszewski, ~~Medford~~

Professor Emeritus: Medford

The Respiratory Care Department offers a curriculum leading to a Bachelor of Science in Respiratory Care degree. Following completion of the BSRC program, graduates are eligible to sit for the credentialing examination for the Registered Respiratory Therapist (RRT). Registered Respiratory Therapists (RRT) may be admitted to the program through advanced standing as defined in the policy set up by the department. The BSRC program is accredited by the Commission on Accreditation for Respiratory Care. ~~The program consists of 125 semester hours + 2 physical activities* (68 semester hours in respiratory care and 57 non-respiratory care semester hours).~~

MISSION STATEMENT FOR THE RESPIRATORY CARE PROGRAM

The Respiratory Care Program at Midwestern State University is dedicated to providing state of the art instruction emphasizing clinical practice based on scientific inquiry and meeting the needs of a diverse healthcare community. The educational framework focuses on the unique skills of the respiratory therapist and emphasizes the importance of lifelong learning to the healthcare professional. The program provides a student centered undergraduate educational experience based on a strong liberal arts foundation and strives to prepare graduates to embrace ethical practice, reflect competence in clinical skill, and display professional conduct.

ADMISSION INTO THE RESPIRATORY CARE MAJOR (BSRC)

Admission in this policy refers to a formal evaluation of program prerequisites and other course work so that those students who gain formal admission can advance to the junior and senior level respiratory care courses. This policy should not be confused with freshman and sophomore students who are respiratory care majors. Being a respiratory care major does not imply or guarantee program admission. Three admission categories exist: full, conditional, and denied. Full program admission is granted to applicants who have completed all program prerequisites, required academic foundation courses and are in good academic standing. Conditional program admission is granted to applicants who have not completed, but are presently enrolled in, course work that will complete the prerequisites and required academic foundation courses. Once a conditionally admitted student successfully completes the required course work the admission status is automatically upgraded to full admission. A student who is conditionally admitted but does not successfully complete the prerequisites, will lose conditional status.

APPLICANT SELECTION PROCEDURES

Due to limited availability of clinical sites, ~~qualified applicants~~ **the selection process for admission into the Respiratory Care Program is based upon a ranking system. Applicant ranking will be based upon, but not limited to:**

- **GPA of prerequisite courses**
- **Number of prerequisite courses completed at MSU**
- **Performance on the Health Occupations Basic Entrance Test (HOBET)**
- **Applicant Personal Interview with program faculty**

~~will be accepted only until the class is full.~~ The following rules apply to admission to the Respiratory Care Program:

1. Be admitted to the University.
2. Apply to the Respiratory Care Program; applications can be obtained online. Applications will be accepted between January 2 and April 15 for entrance into the program the following summer II semester.
3. Submit a copy of the results of ~~either the Nursing Entrance Test (NET) or the~~ Health Occupations Basic Entrance Test (HOBET).
4. All program prerequisites must be completed before taking any respiratory care classes. The program prerequisites are Anatomy and Physiology I and II, Chemistry, college-level math, Microbiology, Rhetoric and Composition I and II, computer applications, speech communication, and general psychology or sociology. A minimum grade of C is required for all program prerequisites.
5. The required academic foundation courses are humanities (6 hours), economics, American Government (6 hours), U.S. History to 1865, U.S. History since 1865, fine arts, and two exercise physiology activity courses* (see specific descriptions).
6. Notification of admission is made in writing and requires an acceptance form returned to the Respiratory Care Department. Return of a signed acceptance form signifies that the student agrees to all technical standards outlined in the admission packet.
7. Students will complete all BSRC degree requirements 22 months from beginning respiratory care course work. With the degree requirements completed in May the students are in the best position to be successful when they sit for the registry examination following graduation.

No changes until...

COURSES IN RESPIRATORY CARE (RESP)

3543. **Adult Critical Care**

3(3-0)

Prerequisites: RESP 3423, 3433, 3443, 3512.

This lecture course focuses on a thorough review of ventilatory support techniques. Emphasis is placed on adult applications. ~~however, some neonatal and pediatric support techniques are covered.~~ Topics include etiology of respiratory failure, physical implications of positive pressure ventilation, methods of providing support, prescribing machine settings and managing the patient-ventilator system, hemodynamic and gas exchange monitoring, weaning techniques, and non-invasive applications.

4123. Data Analysis

3(3-0)

~~Prerequisite: Senior respiratory care student.~~

The focus of this course is to provide an interdisciplinary data analysis course specifically for health sciences and human services majors using techniques and data structures relevant to clinical investigations. General topics include choosing correct procedures and using statistics to understand clinical data. Specific topics include, but are not limited to, basic statistics, measures of correlation and difference, hypothesis testing and bias, confidence intervals, reliability and validity, significance, power analysis, levels of evidence, sample size and distribution, assessing effects of treatment, quality improvement, relative risk and relative risk reduction, and odds ratio.

~~4652. Independent Study~~ ~~2 semester hours~~~~Prerequisite: Consent of chair.~~

~~This course allows the student to pursue specific interest(s) within the field of respiratory care. Under faculty direction the student can participate in research, clinical experience, or other areas of directed study. May be repeated for credit when topics vary.~~

~~4653. Independent Study~~ ~~3 semester hours~~~~Prerequisite: Consent of chair.~~

~~This course allows the student to pursue specific interest(s) within the field of respiratory care. Under faculty direction the student can participate in research, clinical experience, or other areas of directed study. May be repeated for credit when topics vary.~~

4711. Clinical Practicum III

1 semester hour

Prerequisites: RESP 3553, 3561, 3722.

All clinical courses require the student to integrate theory and laboratory training in the patient care setting. This clinical course focuses on the application of therapies, techniques and procedures to the newborn patient. Topics include aerosol drug delivery, pulmonary hygiene, nasal CPAP, continuous flow IMV, neonatal intubation and airway care, ventilatory support, PEEP, inspiratory time and mean airway pressure therapy, vital signs, chest assessment, apgar scoring, and resuscitation of the newborn. ~~Passing a mock CRT examination is required in this class.~~

3. Undergraduate Course Changes in Respiratory Care, effective Fall 2014.

Changes to course description

RESP 3543. Adult Critical Care

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RESP 4711. Clinical Practicum III

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Change of Course Prerequisite:

RESP 4123. Data Analysis

~~Prerequisite: Senior respiratory care student.~~ (none)

Deletion of Courses:

RESP 4652. Independent Study

RESP 4653. Independent Study

4. Undergraduate Course and Catalog Changes in Social Work, effective Fall 2014.

Deletion of Courses:

SOWK 4201. Independent Study

SOWK 4202. Independent Study

Respectfully submitted,

Deb Schulte, Assistant to the Provost