

## Academic Affairs Midwestern State University

The Academic Council met Wednesday, October 16, 2013, in the Dillard College of Business Administration, Priddy Conference Room. Voting members in attendance were:

Dr. Matthew Capps, Dean, West College of Education  
Dr. Laura Fidelie, Faculty Senate Vice-Chair  
Dr. Deborah Garrison, Associate Vice President for Academic Affairs and Dean of the Graduate School  
Ms. Laura Jefferson, Interim Dean, Fain College of Fine Arts  
Dr. James Johnston, Dean, 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  
Ms. Leona Sandiford, Student Government Association Vice President  
Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences

Other attendees:

Ms. Reagan Foster, Staff Senate Representative  
Ms. Becky Green, Instructor, Department of English  
Dr. Clara Latham, University Librarian  
Ms. Juliana Lehman-Felts, Coordinator, Honors Program  
Dr. Jeffrey Oxford, Chair, Department of Foreign Languages  
Ms. Jamie Wilson, Associate Registrar

Dr. Betty Hill Stewart, Provost and Vice President for Academic Affairs, presided and the meeting began at 2:00 p.m.

### **Approval of Minutes**

Dr. Stewart called for a motion to approve the September minutes of the Academic Council meeting. *Dr. Little made a motion that the minutes be adopted; Dr. Garrison seconded and the motion was unanimously adopted. (closed)*

### **Old Business**

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

1. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in English. Dr. Capps seconded; and the motion was adopted. (*closed*)

New Course Addition, effective Spring 2014

**ENGL 1014. Integrated Reading and Writing**

Description: This course provides instruction and practice in analyzing and evaluating textual information and in composing clear and logical texts. A one-hour computer lab is included. The course is required of those students who have not met TSI readiness standards in reading, writing, or both.

Lecture and Lab 4(3-1)

Course Objectives and/or additional information:

- Write paragraphs and thesis-based essays that provide strong support and specific details.
- Engage in a writing process that includes invention, drafting, and revision.
- Demonstrate proficient use of Standard Written English.
- Acquire vocabulary skills necessary for college-level coursework.
- Identify the structural elements of written materials.
- Demonstrate ability to think critically.

*Note: this course is a combination of objectives from both ENGL 1003 and 1013 and includes computer lab time.*

Deletion of Courses, effective Spring 2014

**ENGL 1003. Introduction to College Composition**

**ENGL 1013. Introduction to College Reading**

2. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in Foreign Languages. Dr. Fidelie seconded; and the motion was adopted. (*closed*)

New Course Addition, effective Spring 2014

**GERM 3133. Contemporary German Culture**

Description: Germany is Europe's largest and most densely populated country. Since 1989 it has gone through fundamental transformations. Its borders have changed, its geopolitical significance has changed, its population has changed. It has become the motor of the European Union. It has gone from being one of the closest allies of the United States to one of its chief critics. Its new capital Berlin has become the cultural capital of the 21<sup>st</sup> century. It is a place of daring experiments and reactionary violence. It is a place of fascinating contradictions that present many challenges. This course will offer students an introduction to and overview of this dynamic country on the move.

Through introductory lectures and class discussions, we will explore a variety of issues: e.g., the cost of unification, the Nazi legacy, post-communism, immigration, citizenship, the European Union, Old Europe, managing capitalism, and the role of gender and sexual minorities in Germany today. There are no prerequisites required for the course. The Language of instruction and all class materials are in English

Lecture 3(3-0)

Course Objectives and/or additional information:

By the end of the course, students...

- will be well-acquainted with German culture, its political structure, and recent history through a combination of lectures, readings in English language, class discussions, and writing assignments.
- will be knowledgeable about some major historical and cultural events in Germany of the 20<sup>th</sup> and 21<sup>st</sup> century in their relation to today (e.g. the German Autumn, the German-German divide, and reunification).
- will understand a selection of German literary and filmic key texts within their historical and socio-political contexts (e.g. considering the Nazi legacy in the young Bonn Republic, the German Democratic Republic, the post-1990 Berlin Republic, and Germany's role in the European Union).
- have developed a deeper understanding of both the German culture and their own.

3. Dr. Watson made a motion to adopt the following undergraduate course and catalog changes in History. Dr. Capps seconded; and the motion was adopted. (*closed*)

New Course Addition, effective Fall 2014

**HIST 3383. Popular Culture**

Prerequisites: Six hours of History or consent of Chair

Description: This course will explore the shifts in and significance of popular culture throughout the history of the U.S. Differing forms of popular culture and what each can reveal about the context of their development will be examined. Topics range from vaudeville, radio, and film, to sports, newspapers, comics, magazines, beauty, and advertising will be discussed.

Lecture 3(3-0)

Course Objectives and/or additional information:

- At the end of the course, students should be able to define popular culture and explain its relationship to American class, race, and gender

*Note: Dual-listed course with HIST 5383*

4. Dr. Little made a motion to adopt the following undergraduate course and catalog change in Biology. Dr. Fidelie seconded; and the motion was adopted. (*closed*)

Change of course prerequisite, effective fall 2014

**BIOL 3434. Entomology**

One year of biology, **including BIOL 1144**

5. Dr. Little made a motion to adopt the following undergraduate course and catalog changes in Geosciences. Dr. Fidelie seconded; and the motion was adopted. (*closed*)

Change of course descriptions, effective fall 2014

**GEOS 1234. Historical Geology**

Description: Formation of the Earth and the evolution of its origins to the present, plate tectonics, mountain building, and major evolutionary events. **Special focus is placed on integrating geologic and biologic concepts through Earth history.**

### **GEOS 3034. Oceanography**

Description: An introduction to the physical, chemical, geological, and biological processes of the oceans; ~~history of ocean exploration. Laboratory includes weekend field trip to the Texas coast.~~ **Integration of tectonic, biologic, ecologic and chemical processes will be stressed. Topics include bathymetry, ocean currents, hurricanes, atmospheric circulation, chemical cycles, marine biology and the history of ocean exploration. Labs include analysis of NASA and NOAA datasets.**

### **GEOS 3534. Invertebrate Paleobiology**

Description: **An introduction to quantitative**, theoretical and descriptive invertebrate paleobiology. Topics include speciation, extinction, paleoecology, biostratigraphy, and systematics. **Laboratory emphasizes hands-on analysis of fossil specimens and applied biostratigraphy. Includes a field trip to the Arbuckle Mountains and Sam Noble Museum of Natural History.**

### **GEOS 4034. Petroleum Geology**

Description: ~~Teaches the fundamental skills routinely used by petroleum geologists, including basic well log analysis, log and geologic section correlation, cross section construction, and building of data contour and reservoir maps. Exposure to geophysical seismic data, rock sample evaluation, and well drilling operations. Focus on lab exercises as well as integration of computer applications.~~ **An introduction to the geology of petroleum and natural gas. Topics include the origin, occurrence, movement, and accumulation of oil and natural gas and the exploration for and development of hydrocarbon reservoirs. Additional topics include geophysical and geochemical exploration techniques, basin analysis, well site operations, representative exploration and reservoir development case histories, and subsurface geology of CO<sub>2</sub> sequestration. Fundamental skills routinely used by petroleum geologists, such as basic well log analysis, well correlation, cross section construction, mapping, and volumetric calculations are the major lab session topics.**

6. Dr. Little made a motion to adopt the following undergraduate catalog changes in Science and Mathematics. Dr. Garrison seconded; and the motion was adopted. (*closed*)

Catalog update, move from page 324 to page 356, following Mechanical Engineering, and prior to Statistics.

## **UNDERGRADUATE RESEARCH OPPORTUNITIES AND SUMMER WORKSHOP**

**Professor: Rincón-Zachary**

**The College of Science and Mathematics offers an inter- and cross-disciplinary course under the designation of Undergraduate Research Opportunities and Summer Workshop.**

**COURSES IN UNDERGRADUATE RESEARCH OPPORTUNITIES  
AND SUMMER WORKSHOP (UGROW)**

**4900. Undergraduate Research Opportunities and Summer Workshop (UGROW)**

**Prerequisites:** Admission into the UGROW program.

An introduction to research topics and methodologies in the basic and applied sciences.

**SCIENCE**

The College of Science and Mathematics offers an inter- and cross-disciplinary course under the designation science.

**COURSES IN SCIENCE (SCIE)**

**2103. Understanding Science, Engineering and Technology** **3(1-3)**

An introduction to research methods in the sciences and engineering. This course provides students with the opportunity to create, inquire, discover, and conduct research in the fields of Biology, Chemistry, Computer Science, Engineering, Environmental Science and the Geosciences with faculty support and supervision. The course employs activity-based guided-discovery methods to investigate various aspects of science and technology.

**STATISTICS**

**Associate Professor:** Schmitter

**Professor Emeritus:** Hinds

The College of Science and Mathematics offers courses in statistics.

**COURSES IN STATISTICS (STAT)**

7. Dr. Little made a motion to adopt the following undergraduate catalog changes to the Mission Statement in Science and Mathematics. Dr. Garrison seconded; and the motion was adopted. (*closed*)

Proposed change to the Mission Statement for the College to acknowledge that the Physics B.S. degree now will be earned in collaboration with the Texas Physics Consortium and that the degree in Clinical Laboratory Science is no longer offered.

**Existing language:** The college offers 8 undergraduate degrees: biology, chemistry, clinical laboratory science, computer science, geosciences, mathematics, mechanical engineering, and physics.

**New language:** The college offers 7 undergraduate degrees: biology, chemistry, computer science, geosciences, mathematics, mechanical engineering, and physics (as a partner in the Texas Physics Consortium).

8. Dr. Garrison made a motion to adopt the following graduate catalog change. Dr. Watson seconded; and the motion was adopted. (*closed*)

Currently on Page 23: THESIS OR RESEARCH PAPER (IF REQUIRED)

An electronic copy of the thesis must be submitted to the ~~Graduate Office~~ **Office of the Graduate School**, not later than two weeks prior to the end of the semester or summer term (last day of finals) in which all work for the degree is completed. A hard copy of the approval page with signatures of the thesis committee members, **thesis committee** chair, and department chair ~~or graduate coordinator~~ will be submitted to the ~~Graduate Office~~ **Office of the Graduate School** at the same time the electronic thesis is submitted. After the Dean of the ~~Graduate School's~~ **Office of the Graduate School's** approval, a copy of the approval page will be sent to the Office of the Registrar to verify completion of this requirement.

9. Dr. Garrison made a motion to adopt the following graduate catalog changes in Nursing. Dr. Little seconded; and the motion was adopted. (*closed*)

Currently on Page 26: NURSING COURSE LOAD

1. **Full-time Graduate Student:** The maximum course load for a graduate student is 16 semester hours in a fall or spring semester and 6 semester hours for a summer term.

**Fall, Spring**

9 hours full-time\*

6 hours 3/4 time

3 hours 1/2 time

\*9 hours or 6 hours plus graduate assistant or graduate teaching assistantship status = full-time

6 hours for Family Nurse Practitioner, **Family Psychiatric Mental Health Nurse Practitioner and Nurse Educator** majors = full-time

10. Dr. Garrison made a motion to adopt the following graduate catalog changes in Science and Mathematics. Dr. Little seconded; and the motion was adopted. (*closed*)

Currently on Page 185: COLLEGE OF SCIENCE AND MATHEMATICS

**Lynn Little, Dean (Bolin Hall 111A)**

**BIOLOGY**

**William B. Cook**

**Chair, Department of Biology**

**and**

~~Magaly Rincón-Zachary~~

**Graduate Coordinator**

Graduate Faculty: Cate, Cook, Hansen, **Little**, Masuoka, ~~Mills~~, Rincón-Zachary, Scales, Shao, Shipley, Vogtsberger, **Watson, Willis**

11. Dr. Garrison made a motion to adopt the following graduate catalog changes in Biology. Dr. Little seconded; and the motion was adopted. (*closed*)

**Admission Requirements**

Admission to the degree program will be determined by the Biology Admissions Committee upon receipt of a complete Application for Admission to the Graduate Program in Biology

at Midwestern State University, available at <http://scienceandmath.mwsu.edu/biology>. **The application must include official scores for the Graduate Record Examination (GRE) General Test.** The student must also complete an application for admission to the University, which is available on the web site at <http://www.mwsu.edu>.

**1. Unconditional Admission.** An applicant to the graduate degree program in Biology must satisfy the requirements of the University's graduate admissions policy for unconditional admission found on page 18 of this catalog. In addition, the applicant must have the following: an undergraduate degree from a **regionally** accredited college or university; **a GPA of at least 3.0 on the last 60 hours of undergraduate work, exclusive of hours awarded by a two-year college;** 24 semester hours in biology from an approved institution, including 12 advanced semester hours (junior or senior level); one year of physics; one and one-half years of chemistry, including one semester of organic chemistry; and ~~a GRE Analytical Writing score of 3.5 or higher~~ **GRE scores of at least 156 in verbal reasoning, 155 in quantitative analysis and 3.5 in analytical writing.**

12. Dr. Garrison made a motion to adopt the following graduate catalog changes in Biology. Dr. Little seconded; and the motion was adopted. (*closed*)

### **Degree Completion Requirements**

#### **Thesis (BIOL 6983, 6993)**

The Graduate Advisory Committee (GAC) will be appointed for each student at the completion of 9 semester hours and no later than the end of the second semester. The student must submit a thesis research proposal, as outlined in the *Biology Graduate Student Handbook*, for approval by the GAC.

A reading copy of the thesis, properly formatted and written in the style outlined in the *Biology Graduate Student Handbook*, must be submitted by the student to the GAC at least six weeks prior to the expected date of the thesis defense. The student must submit a final copy of the thesis to the biology Graduate Coordinator two weeks prior to the expected date of the thesis defense. Oral presentation and thesis defense must take place at least three weeks before the expected date of graduation. Upon successful defense of the thesis, ~~the student must submit four copies of the approved thesis to the Dean of the Graduate School, not later than two weeks prior to the end of the semester or summer term.~~ **an electronic copy of the thesis must be submitted to the Office of the Graduate School not later than two weeks prior to the end of the semester or summer term in which all work for the degree is completed. A hard copy of the approval page with signatures of the thesis committee members, thesis committee chair, and department chair will be submitted to the Office of the Graduate School at the same time the electronic thesis is submitted. Bound copies of theses may be purchased by the student through the Office of the Graduate School.**

13. Dr. Garrison made a motion to adopt the following graduate catalog changes in Faculty Credentials. Dr. Little seconded; and the motion was adopted. (*closed*)

Currently on Page 198: Graduate Faculty Credentials, date of original appointment

COOK, WILLIAM B., Chair, Professor of Biology **and Graduate Coordinator**, 1991.  
B.S., University of Washington; M.S., Central Washington University; Ph.D., University of Missouri

JOHNSTON, JAMES N., ~~Interim~~ Dean of the **Robert D. and Carol Gunn** College of Health Sciences and Human Services and Associate Professor of Radiologic Sciences, 2003.

KILLION, JEFFREY B., **Chair, Radiologic Sciences**, Graduate Coordinator and Associate Professor of Radiologic Sciences, 1999.

**LITTLE, LYNN, Dean of the College of Science and Mathematics and Professor of Biology, 2012. B.S., The University of Texas at Arlington; M.S., University of North Texas; Ph.D., The University of Texas Southwestern Medical Center; M.B.A., The University of Texas at Dallas; M.P.H., The University of Texas School of Public Health**

~~MILLS, DANA R., Assistant Professor of Biology, 2004. B.S., Midwestern State University; M.D., Texas Tech University Health Sciences Center School of Medicine.~~

~~OWEN, JANE C., Interim Dean of the Graduate School and Associate Professor of Educational Leadership and Technology, 2004.~~

~~POLVADO, KAREN, Chair and Associate Professor of Nursing, 2005. A.D.N., Fairmont State College; B.S.N., University of Texas-Arlington; M.S.N., West Texas A&M University; D.N.P., Rush University.~~

~~RINCÓN-ZACHARY, E. MAGALY, Graduate Coordinator and Professor of Biology, 1992. B.S., Pedagogic of Caracas, Venezuela; M.S., Ph.D., University of Illinois at Urbana-Champaign.~~

**WATSON, CHARLES M., Assistant Professor of Biology, 2013**  
**B.S., Stephen F. Austin State University; M.S., Ph.D., The University of Texas at Arlington**

**WILLIS, RAYMOND E., Assistant Professor of Biology, 2012.**  
**B.S., M.S., Tarleton State University; Ph.D., Texas Tech University.**

~~WRIGHT, DONNA L., Chair and Professor of Radiologic Sciences, 2000.~~

14. Dr. Garrison made a motion to adopt the following graduate course and catalog changes in Computer Science. Dr. Little seconded; and the motion was adopted. (*closed*)

Change of course prerequisites, effective Fall 2014

**CMPS 5113. Advanced Programming Language Concepts**

Prerequisite: ~~CMPS 2084 and CMPS 2433 or concurrent enrollment in 2433~~

**CMPS 5213. Wireless Computer Communications and Networks**

Prerequisite: ~~CMPS 2433 or concurrent enrollment.~~ CMPS 2084

**CMPS 5353. Graduate Topics in Computer Graphics**

Prerequisites: **CMPS 3013**, CMPS 2433, and one semester of calculus

**CMPS 5363. Graduate Topics in Computer and Network Security**



Prerequisite: ~~Minimum grades of C in CMPS 1053 or 1063 and CMPS 2084.~~ CMPS 1063 and CMPS 2084

### **EDUC 5053. Introduction to Educational Research**

Prerequisite: Score of 3.5 on GRE Analytical Writing Section ~~or 4.0 on the GRE ScoreItNow! Test.~~

15. Dr. Garrison made a motion to adopt the following graduate course and catalog changes in History. Dr. Watson seconded; and the motion was adopted. (*closed*)

#### New course additions

### **HIST 5383. Popular Culture**

Description: This course will explore the shifts in and significance of popular culture throughout the history of the U.S. Differing forms of popular culture and what each can reveal about the context of their development will be examined. Topics ranging from vaudeville, radio, and film to sports, newspapers, comics, magazines, beauty, and advertising will be discussed.

Lecture 3(3-0)

Course Objectives and/or additional information:

At the end of the course, students should be able to define culture and explain its relationship to American class, race and gender. Graduate students will be expected to write a historiographical paper.

Graduate level dual listed.

### **HIST 6013. History Practicum**

Description: A course in which a student or group of students complete a project in local, public, or archival history. May be repeated for credit.

Practicum 3

Course Objectives and/or additional information:

Rationale for the course: Student who have consistently expressed interest in local, public, archival history, & museum administration will have this option whereby they may have the opportunity to engage in single or group projects that have been adapted for them to receive academic credit in a variety of subjects or topics.

#### **Additional Information**

- Dr. Little announced that the students of our Alpha Chi chapter have selected Dr. Jeff Hood as the 2013-2014 Alpha Chi Distinguished Lecturer. Dr. Hood will present his lecture on November 7 at 7:30 p.m. in the Comanche Suites following the fall induction ceremony for our new chapter members. The induction ceremony begins at 6:30 p.m.
- Dr. Johnston reported that the College of Health Sciences and Human Services' \*Academic Preview Day will be Friday, November 1.
- Dr. Patton announced that reservations to attend the Etiquette Dinner on October 24 may be made by contacting Kathy McGowan at x4002.
- Dr. Patton reported that the Dillard College of Business Administration will host their \*Discovery Day on November 15.
- Ms. Jefferson announced that the Artist Lecture Series performance featuring Shaunette Hildabrand, a classical and jazz singer, is tonight in Akin Auditorium. Ms. Hildabrand is a MSU graduate.
- Dr. Latham reported that the American Music Series continues tonight featuring Rock and Roll. The final performance of the series is on November 7 and will showcase Latin Rhythms from Mambo to Hip Hop Music.

- Dr. Latham announced that the private papers from the estate of Former 89<sup>th</sup> District Court Judge and United States Congressman Graham Purcell will be delivered soon to the Library and Dr. Ken Hendrickson will be organizing them. Dr. Hendrickson will construct a finding aid for those who want access to the papers, but they will remain in the locked MSU Archives Area.
- Ms. Wilson reported that Early Registration for Spring 2014 will begin on October 30.
- Ms. Wilson stated that she has received the list from the Texas Higher Education Coordinating Board on our untaught courses in inventory for the Fiscal Year ending 2012. She will review the list and send it out to the academic deans for their review and updates. Dr. Stewart asked the deans to bring their deletions for this list to the November Academic Council.
- Dr. Fidelie reported that the Faculty Senate will meet on October 18 in the Priddy Conference Room to discuss the Faculty Satisfaction Survey.
- Dr. Garrison invited everyone to the following events:
  - TLRC on October 24 at 4:30 p.m. in the Wichita I & II Rooms
  - Graduate School Open House on November 5 in Dillard 189
- Dr. Garrison reported that Noel-Levitz Higher Education Consultants will be on campus November 12 and 13 to review our graduate programs to see if they can assist in our efforts of marketing and recruiting for those programs.

*\*Note: Preview Day/Discovery Day replaces the Majors Fair. Each college will host its own event.*

## **Adjournment**

There being no other business, the meeting was adjourned at 2:41 p.m.

Respectfully submitted,

Deb Schulte, Assistant to the Provost