

## Academic Council Minutes July 20, 2011

The Academic Council met Wednesday, July 20, 2011, in the Clark Student Center Cheyenne Room. Voting members in attendance were:

Dr. Ranette Halverson, Chair, Computer Science Department, substituting for  
Dr. Rodney Cate, Interim Dean, College of Science and Mathematics  
Dr. Patti Hamilton, Graduate School Dean  
Dr. Barb Nemecek, Dean, Dillard College of Business Administration  
Dr. Jane Owen, Chair, Educational Leadership and Technology Program, substituting for  
Dr. Matthew Capps, Dean, West College of Education  
Dr. Susy Sportsman, Dean, College of Health Sciences and Human Services  
Dr. Sam Watson, Dean, Prothro-Yeager College of Humanities and Social Sciences

Voting members not in attendance:

Dr. David Carlston, Faculty Senate Vice President  
Dr. Ron Fischli, Dean, Lamar D. Fain College of Fine Arts  
Student Government Association Vice-President

Other attendees:

Dr. Mark Farris, Director, Honors Program  
Ms. Darla English, Registrar  
Ms. Linda Knox, Staff Senate Representative  
Dr. Pam Morgan, Director, Extended Education

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

### **Approval of Minutes**

Dr. White called for a motion to approve the minutes of the May 2011 Academic Council meeting. *Dr. Sportsman made a motion that the minutes be adopted; Dr. Nemecek seconded and the motion was unanimously adopted. (closed)*

### **Old Business**

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

### **New Business**

1. Dr. Nemecek made a motion to adopt the following undergraduate degree plan in Finance; *Dr. Watson seconded and the motion was unanimously adopted (closed).*

#### **Proposed Degree Plan for a BBA with a Major in Finance, effective Fall 2011**

This degree plan modifies the original degree plan (FINCdegreeplan2010-2012) by explicitly listing FINC 3633 (Financial Analysis) as one of the finance elective courses satisfying the finance degree requirement under [E] Elective Finance Courses on the back page of the degree plan.

## 2010 – 2012 DEGREE PLAN FOR A BBA WITH A MAJOR IN FINANCE

Last Name	First	Middle	Mustang ID Number
Date of Graduation			
Placement Exams: MATH 0003 ____; MATH 1003 ____; ENGL 1003 ____; ENGL 1013 ____; WRITING PROFICIENCY: Taken ____; Passed ____			
THEA Test: Writing ____; Reading ____; Mathematics ____			

<p><b>COMMUNICATION</b> 3 semester hours:                  SPCH 1133 Fundamentals of Speech Comm, 1233 Voice &amp; Diction, _____                  or 2423 Interpersonal Communication</p> <p><b>SCIENCE</b><sup>1</sup> 6 - 8 semester hours:                  _____                  _____</p> <p><b>HUMANITIES &amp; VISUAL AND PERFORMING ARTS</b><sup>2</sup> 9 - 11 hours:                  English literature, history, humanities, philosophy or a foreign language                  _____                  _____</p> <p>Visual and Performing Arts                  _____</p> <p><b>INSTITUTIONALLY DESIGNATED OPTION</b><sup>3</sup>                  2 semester hours:                  _____                  _____</p>	<p><b>BUSINESS CORE</b><sup>7</sup> 27 semester hours:                  ENGL 1113 Rhetoric &amp; Composition ..... _____                  ENGL 1123 Rhetoric &amp; Composition ..... _____                  MATH 1203 Math Analysis for Business or 1233 College Algebra ..... _____                  BUAD 1033 Foundations of Business ..... _____                  ACCT 2143 Financial Accounting ..... _____                  ACCT 2243 Managerial Accounting ..... _____                  MIS 2003 Information Technology Concepts for Business ..... _____                  ECON 2333 Macroeconomic Principles ..... _____                  ECON 2433 Microeconomic Principles ..... _____</p> <p><b>SOCIAL &amp; BEHAVIORAL SCIENCES</b> 15 semester hours:                  HIST 1133 American History to 1865 ..... _____                  HIST 1233 American History since 1865 ..... _____                  POLS 1333 American Government ..... _____                  POLS 1433 American Government ..... _____                  PSYC 1103 General Psychology or SOCL 1133 Introductory Sociology ..... _____</p>
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<p><b>PROFESSIONAL BUSINESS CORE</b> 27 semester hours:<sup>4</sup>                  MIS 3003 Management Information Systems ..... _____                  MGMT 3013 Organizational Behavior ..... _____                  BUAD 3033 Business &amp; Economic Statistics ..... _____                  LSBA 3233 Legal Environment of Business ..... _____                  BUAD 3323 Business Ethics ..... _____                  MGMT 3453 Operations Management ..... _____                  MKTG 3723 Principles of Marketing ..... _____                  FINC 3733 Business Finance ..... _____                  MGMT 4853 Strategic Management<sup>5</sup> ..... _____</p> <p><b>APPROVED ELECTIVES</b><sup>6</sup> (1 hr)                  _____                  _____                  _____</p>	<p><b>COURSES FOR MAJOR IN FINANCE</b> 30 semester hours:                  FINC 3353 Financial Markets and Institutions ..... _____                  ECON 3543 Introduction to Econometrics ..... _____                  ECON 4643 International Economics and Finance ..... _____                  FINC 4653 Financial Management ..... _____                  FINC 4733 Investments ..... _____</p> <p><b>Plus one of the following courses (3 hrs.):</b>                  FINC 4753 Advanced Issues in Corporate Finance ..... _____                  FINC 4833 Security Analysis &amp; Portfolio Analysis ..... _____</p> <p><b>Plus four of the following courses<sup>E</sup> (12 hrs):</b>                  FINC ..... _____                  FINC ..... _____                  FINC ..... _____                  FINC ..... _____                  ECON 3323 Intermediate Macroeconomics ..... _____                  ECON 3333 Intermediate Microeconomics ..... _____                  ECON 3703 Money, Banking, and Monetary Policy ..... _____                  ECON 3743 Public Finance ..... _____                  ACCT ..... _____                  ACCT ..... _____</p>
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Total hours needed: **120** Hours completed: \_\_\_\_\_ Hours Remaining: \_\_\_\_\_ Total hours Completed: \_\_\_\_\_

I have read and understand that this is not an official record of work taken and that it does not supersede catalog requirements for which I am totally responsible.

\_\_\_\_\_  
 Student signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Faculty Advisor

\_\_\_\_\_  
 Department Chair

\_\_\_\_\_  
 Dean

See back of page for endnotes and suggested course of study.

### ADDITIONAL INFORMATION

The degree plan may never supersede catalog requirements. The student is held responsible for meeting all requirements of the catalog selected for graduation.

#### ENDNOTES

- 1 This requirement may be fulfilled by taking any two of the following courses, and their respective labs, if applicable: BIOL 1134, 1144, 1234, 1544; CHEM 1103, 1141 and 1143, 1203, 1241 and 1243; ENSC 1114; GEOS 1134, 1234; PHYS 1144, 1244, 1533, 1624, 2104, 2204, 2644.
- 2 A) Six hours from English literature, history, humanities, philosophy, or two semesters of one foreign language; any courses in art history, music history, or theatre history may also be accepted in fulfillment of the humanities requirement: ENGL 2413, 2423, 2613, 2623, 2723, 2813, 2823; HIST 1333, 1433, 3133; HUMN 2013, 2023, 2033, 2043, 2053; PHIL 1033, 1533, 2033, 2233, 2633; FREN 1134, 1234; GERM 1134, 1234; SPAN 1134, 1234, **AND:**  
B) Three hours from: ART 1113, 1123, 1313, 1413; MUSC 1001, 1021, 1033, 1603/1601; MCOM 2213; THEA 1403, 1503.
- 3 This requirement may be fulfilled by the following: EXPH 1011 and a one-hour activity course **OR** Two different activity courses **OR** One semester of marching band and one activity course **OR** Two semesters of marching band.
- 4 Students must complete all nine (27 semester hours) of the professional business core with an overall GPA of 2.0 in those courses.
- 5 This course is restricted to graduating seniors and must be taken during the student's final semester.
- 6 Electives may be upper or lower division courses from any college on campus, and must be approved by the student's advisor. Developmental courses and EXPH activity courses cannot be counted as electives.
- 7 In order to matriculate in the upper division business curriculum, students must complete the DCOBA Admissions Application to be admitted. Additionally, students must complete all nine (27 semester hours) of the business core courses with an overall GPA on those courses of 2.2 or higher and have completed an additional 21 hours in the university core.

### REQUIREMENTS FOR BBA WITH MAJOR IN FINANCE

[A] **Overall GPA:** Students must earn a GPA of 2.00 or higher in all courses counted toward a BBA in Finance.

[B] **Business Core GPA:** Students must earn a GPA of 2.20 or higher in the nine courses which constitute the Business Core. The business core courses are: BUAD 1033, ENGL 1113 & 1123, MATH 1203 or 1233, ACCT 2143 & 2243, MIS 2003, ECON 2333 & 2433.

[C] **Professional Business Core GPA:** Students must earn a GPA of 2.00 or higher in the Professional Business Core courses. The professional business core courses are: MIS 3003 (Management Information Systems), MGMT 3013 (Organizational Behavior), BUAD 3033 (Business & Economic Statistics), LSBA 3233 (Legal Environment of Business), BUAD 3323 (Business Ethics), MGMT 3453 (Operations Management), MKTG 3723 (Principles of Marketing), FINC 3733 (Business Finance), and MGMT 4853 (Strategic Management).

[D] **Minimum Grade for Required Finance Courses:** Finance majors must earn a grade of C or higher in FINC 3353 (Financial Markets & Institutions), FINC 3733 (Business Finance), FINC 4653 (Financial Management), and FINC 4733 (Investments) taken at MSU or transferred from another college or university.

[E] **Elective Finance Courses:** Finance courses which may be taken for credit toward a BBA in Finance are: FINC 3413 (Principles of Real Estate), FINC 3633 (Financial Analysis), FINC 3753 (Risk Management & Insurance), FINC 4663 (Special Topics), FINC 4753 (Advanced Issues in Corporate Finance), FINC 4833 (Security Analysis & Portfolio Analysis), and FINC 4893 (Internship in Finance).

For additional information, contact an academic advisor or visit our web page: <http://business.mwsu.edu/>

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

Addition of the following course(s) to the list of those allowed for Visual and Performing Arts credit in the Core Curriculum:

**MUSC 1071/2071 University Wind Ensemble**

*This/these new course(s), approved by the Academic Council at a previous meeting, are not new in actuality. The Wind Ensemble has existed for years, but previously it has been offered as a second section of University Symphonic Band. The Wind Ensemble is a select group chosen by audition from the University Symphonic Band.*

The addition of the “new” Wind Ensemble course(s), along with the other levels of for-repeat-credit music courses that the Council approved to address Federal legislation regarding course repetitions, would result in the following modification of the Performing and Visual Arts component of the Academic Core:

Was: 3 hours from MUSC 1001 and/or 1021.

New: 3 hours from MUSC 1001, 2001 (University Singers), MUSC 1021, 2021 (Symphonic Band), and/or MUSC 1071, 2071 (Wind Ensemble).

3. Dr. Halverson made a motion to adopt the following undergraduate course and catalog changes in Computer Science *Dr. Hamilton seconded and the motion was unanimously adopted (closed)*.

**Computer Science Catalog Changes, effective Fall 2012**

Proposed Degree plan for Undergraduate Major in Computer Science:

The requirements for the degree of Bachelor of Science with a major in computer science are as follows:

**Bachelor of Science** (see page ??)

**Program Requirements**

**Major** Computer Science 1044, 1063, 2084, 2143, 2433, 3013, 3023, 3233, 4103, 4113, 4143, 4991, and 15 hours of advanced computer science electives. (Computer Science 1013, 1023, and 1033 may not be counted toward a major in Computer Science.)

**Minor** is not required.

**Additional Requirements** MATH 1534, 1634, 1734, and 3 hours from 3533, 3833, or 4243  
PHYS 1624, 2644, Computer Science Exit Exam

The requirements for the degree of Bachelor of Arts with a major in computer science are as follows:

**Bachelor of Arts** (see page ??)

**Program Requirements**

**Major** Computer Science 1044, 1063, 2084, 2143, 2433, 3013, 3023, 3233, 4103, 4113, 4143, 4991, and 15 hours of advanced computer science electives. (Computer Science 1013, 1023, and 1033 may not be counted toward a major in Computer Science.)

**Minor** is not required.

**Additional Requirements** MATH 1233, 1433, STAT 3573, Computer Science Exit Exam

### Minor in Computer Science

The requirements for a minor in Computer Science are Computer Science 1044, 1063, 2084, 2143, 2433, 3013, 6 hours of advanced computer science electives.

*Note: both the BA and BS in Computer Science will require 120 total credit hours. The BS will require 33 advanced hours and the BA will require 39 advanced hours. Consultation with the math department on the one hour increase from CMPS 1043 to CMPS 1044 was approved in the last Science and Mathematics college council meeting and Dr. Slavens, Interim Chair of Mathematics, approved the change. If this precipitates any change in the MATH curriculum, this will be handled in the future by a request from the math department. The effective date for the catalog changes as well as the course changes is Fall 2012 for both.*

#### Proposed B.S. in Computer Science (no minor) Total Credit Hours 120 (33 adv.)

##### Computer Science

##### 51 hours (34 advanced)

Required: 36 hours

<b>1044</b>	<b>CS 1 (3-2)</b>
<b>1063</b>	<del>CS 2</del> <b>Data Structures &amp; ADT</b>
2084	Intr. Arch.
<b>2143</b>	<del>Data Str.</del> <b>OOP</b>
<b>2433</b>	<b>Discrete Structures &amp; Analysis</b>
<b>3013</b>	<b>Advanced Structures</b>
3023	Logic Design
3233	Theory
4103	O.S.
4113	S.E.
4143	P.L.
4991	Seminar

CS Electives (5): 15 hours

##### Mathematics – 15 hours

1534	Pre-Calculus
1634	Calculus 1
1734	Calculus 2

One of the following

3533	Numerical Analysis OR
3833	Linear Algebra OR
4243	Operations Research 1

##### Physics – 8 hours

1624	Mech., Wave, Heat
2644	Elec., Mag., Opt.

##### Core – 46 hours

English (6), Speech (3), Lab Science (8), Humanities (6), Fine Arts (3), History (6), Political Science (6), Economics (3), Social Science (3), PE (2)

#### Proposed B.A. in Computer Science (no minor) Total Credit Hours 120 (39 adv.)

##### Computer Science

##### 51 hours (34 advanced)

Required: 36 hours

<b>1044</b>	<b>CS 1 (3-2)</b>
<b>1063</b>	<del>CS 2</del> <b>Data Structures &amp; ADT</b>
2084	Intr. Arch.
<b>2143</b>	<del>Data Str.</del> <b>OOP</b>
<b>2433</b>	<b>Discrete Structures &amp; Analysis</b>
<b>3013</b>	<b>Advanced Structures</b>
3023	Logic Design
3233	Theory
4103	O.S.
4113	S.E.
4143	P.L.
4991	Seminar

CS Electives (5): 15 hours

##### Mathematics – 9 hours

1233	College Algebra
1433	Trig.
3573	Statistics

##### Additional BA Requirements – 20 hours

14 hours Foreign Language  
6 hours Literature/Humanities  
(3 advanced)

##### Core – 35 hours

English (6), Speech (3), Science (6), Fine Arts (3), History (6), Political Science (6), Economics (3), Social Science (3), PE (2)

##### Electives – 2 Hours

### Minor in Computer Science – 26 hours

The requirements for a minor in Computer Science are Computer Science 1044, 1063, 2084, 2143, 2433, 3013, 6 hours of advanced computer science electives.

**New Course Additions, effective Fall 2012:**

CMPS 1063. Data Structures and ADT

Prerequisite(s): Minimum grades of C in CMPS 1044, and MATH 1233 or 1534

Description: A continuation of the development of a disciplined approach to the design, coding, debugging and testing of programs. Introduction to data structures, abstract data types (ADT), recursion, and algorithm analysis using a high-level language.

Lecture 3(3-0)

CMPS 2143. Object-Oriented Programming

Prerequisite(s): Minimum grade of C in CMPS 1063

Description: Introduction to object-oriented programming techniques including but not limited to classes, objects, inheritance, polymorphism, and overloading. Various object-oriented languages will be considered.

Lecture 3(3-0)

CMPS 2433. Discrete Structures and Analysis

Prerequisite(s): Minimum grades of C in CMPS 1063, and MATH 1233 or 1534

Description: Introduction to the fundamental techniques of algorithm analysis. Also, Boolean logic, combinatorics, functions, graphs, algebraic structures, recursion, recurrence relations, finite state machine and computability.

Lecture 3(3-0)

CMPS 3013. Advanced Structures and Algorithms

Prerequisite(s): Minimum grade of C in CMPS 2433

Description: In-depth study of complexity analysis and variety of advanced structures and related algorithms. Topics will be selected from trees, heaps, priority queues, graphs, hashing, sorting, pattern matching, recursion and others as appropriate.

Lecture 3(3-0)

**Change of Course Prerequisite, effective Fall 2012**

CMPS 3233. Theory of Computation

Prerequisite(s): Minimum grades of C in CMPS 1063 and 2433

CMPS 3493. Internet Programming

Prerequisite(s): Minimum grade of C in CMPS 1063

CMPS 4103. Introduction to Operating Systems

Prerequisite(s): Minimum grades of C in CMPS 2084 and 3013

CMPS 4113. Software Engineering

Prerequisite(s): CMPS 2143, 3013, and 6 advance hours in computer science

CMPS 4143. Contemporary Programming Languages

Prerequisite(s): CMPS 2143

CMPS 4213. Introduction to Computer Graphics

Prerequisite(s): CMPS 2143, 3013, and MATH 1634

CMPS 4223. Introduction to Simulation

Prerequisite(s): CMPS 2433

CMPS 4233. Artificial Intelligence

Prerequisite(s): CMPS 3013

CMPS 4433. Computer Communications and Networks  
Prerequisite(s): CMPS 1063, 2084, and 2433

**Change of Course Description and Prerequisite, effective Fall 2012**

CMPS 3533. Numerical analysis  
Prerequisite(s): CMPS 1044 and MATH 1734  
Description: Use of numerical methods to solve problems including but not limited to the following: function approximation, solutions of equations, numerical calculus, and differential equations. Includes analysis of problems and the design and writing of programs. (MATH 3533 and CMPS 3533 cannot both be taken for credit.)  
Lecture 3(3-0)

**Change of Course Title and Prerequisite, effective Fall 2012**

CMPS 4123. ~~Data Base Management Systems~~ Database Managements Systems  
Prerequisite(s): CMPS 3013

**Change in Course Number and Lecture/Lab Hours, effective Fall 2012**

CMPS ~~4043~~. 1044. Computer Science I  
Prerequisite(s): Concurrent enrollment in MATH 1233 or 1534 or 1203 (for business majors)  
Lecture/Lab ~~3(3-0)~~ 4(3-2)

4. Dr. Halverson made a motion to adopt the following graduate course and catalog changes in Computer Science; *Dr. Hamilton seconded and the motion was unanimously adopted (closed).*

**Change in Course Prerequisites, effective Fall 2012**

CMPS 5113 Advanced Programming Language Concepts  
Prerequisite(s): CMPS 2084 and concurrent enrollment in ~~CMPS 2133~~ CMPS 2433

CMPS 5213. Wireless Computer Communications and Networks  
From Prerequisite: ~~Concurrent enrollment in CMPS 2133 and consent of instructor~~  
To: Prerequisite: Concurrent Enrollment in CMPS 2433

CMPS 5243 Algorithm Analysis  
Prerequisite(s): ~~CMPS 2133, MATH 1634, 2333~~ CMPS 3013 and MATH 1634

CMPS 5253 Expert Systems  
Prerequisite(s): ~~CMPS 4053, MATH 2333~~ CMPS 1063

CMPS 5303 Advanced Database Management Systems  
Prerequisite(s): ~~CMPS 2133~~ CMPS 3013

CMPS 5313 Automata Theory  
Prerequisite(s): ~~MATH 2333, CMPS 2133~~ CMPS 2433

CMPS 5333 Discrete System Simulation  
Prerequisite(s): ~~CMPS 2133 and STAT 3573 or equivalent~~ CMPS 2433

CMPS 5353 Topics in Computer Graphics  
Prerequisite(s): ~~MATH 2333~~ CMPS 2433 and 1 semester of calculus

CMPS 5463 Applied Soft Computing  
Prerequisite(s): ~~CMPS 2133~~ CMPS 2433

### **Additional Information**

- Dr. White reported that this would be the last Academic Council that Dr. Sportsman will attend. She has accepted another position and will be leaving MSU in August. Dr. White thanked Dr. Sportsman for her many contributions to the university.
  - Dr. Sportsman stated that she will be sad when she leaves but she thanked everyone for all their support during her time here.
- Dr. Nemecek announced that her college is reorganizing from 4 departments to 3. The new departments will be Accounting and Management Information Systems (MIS); Economics, Finance and Legal Studies; Management and Marketing.
- Dr. Hamilton reported that tomorrow will be Dara Ashlock's last day. She has been the Coordinator of Graduate Admission and Recruitment.
- Dr. Latham announced that Sue Coffey, Serials Librarian, is retiring at the end of August after 37 years of service.

### **Adjournment**

There being no other business, the meeting was adjourned at 2:50 p.m.

Respectfully submitted,

Deb Schulte, Assistant to the Provost