

University Senate

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UNIVERSITY SENATE UM-St. Louis

Agenda

The Senate will meet at 3:00 p.m. on Tuesday, January 19, 1999 in 126 J.C. Penney.

- I. Approval of Minutes from Previous Meeting
- II. Report from the Senate Chair Jeanne Morgan Zarucchi
 Grade Appeal Policy (See Attached)
- III. Report from the Chancellor -- Chancellor Touhill
- IV. Report from the Faculty Council Presiding Officer -- Dennis Judd Campus Budget Priorities
- V. Report from Intercampus Faculty Council -- Jeanne Morgan Zarucchi
- VI. Reports from Standing Committees:
 - A. Executive Committee -- Jeanne Morgan Zarucchi
 Executive Session: Honorary Degrees
 - B. Budget and Planning Chancellor Touhill
 - C. Bylaws and Rules William Long
 Voting Status of Non-Regulars (Action Item-See Attached)
 - D. Committee on Committees Gail Ratcliff

 Ballot for Committee Replacement (Action Item)
 - E. Computing -- Susan Sanchez
 Faculty Desktop Enhancement Initiative Deadlines
 - F. Curriculum and Instruction David Ganz

 Academic Calendar (Action Item-See Attached)

 Course Proposal Changes (Action Items-See Attached)
 - G. Student Publications -- Van Reidhead <u>Current Financial Report</u>
- VII. Other Business

Attachments:

- 1) Grade Appeal Policy
- 2) Voting Status of Non-Regulars
- 3) Academic Calendar (and IFC Principles for Academic Calendars)
- 4) Course Proposal Changes

Academic Affairs January 12, 1999

University of Missouri-St. Louis Grade Appeal Procedures

On each campus of the University of Missouri it is the Chancellor who is ultimately responsible to the President and the Board of Curators for all campus programs, policies, and activities. On the University of Missouri-St. Louis campus the Chancellor has delegated responsibility for overseeing the grade appeal process to the Vice Chancellor for Academic Affairs. The Vice Chancellor is therefore responsible for assuring that grade appeals are handled in a fair and timely manner. More specifically, that officer is responsible for seeing that the procedures outlined below are appropriately followed.

Informal Procedures

At any time after the awarding of a grade, for a course or an assignment in a course, a student may discuss the grade with her or his instructor and request that the instructor review the grade. If the instructor does review the grade he or she is, of course, free to change the grade or not as is appropriate.

Formal Procedures

The following procedures apply if the above informal procedure does not resolve a dispute concerning a grade to the student's satisfaction and if the process is initiated within thirty working days of the start of the first regular semester (fall or winter) following the semester for which the grade was given, or thirty days after the assignment of the grade (whichever is later).

1. If the student has not already done so, he or she discusses the contended grade fully with the course instructor.¹ The student should prepare for this meeting by taking all relevant written work (test, reports, etc.) with him/her. If the issue is not resolved, the student may consult the administrative officer of the department or discipline housing the course in question. (This officer will normally be someone below the level of the Dean.) The administrative officer will discuss the appeal with the course instructor, and will inform the student of the result of this discussion.

¹If the instructor is deceased, cannot be located, or is otherwise unable or unwilling to reconsider the grade, the student should consult directly with the administrative officer of the department or discipline housing the course in question. The remaining procedures here specified will be followed except that the administrative officer and the faculty committee will not consult with the instructor if he or she is unavailable.

(That result may be the instructor's agreement to change the grade, her or his refusal to change the grade, or her or his agreement to discuss the case further with the student.) The administrative officer may require that the student put the appeal in written form before the administrative officer discusses it with the instructor.

- 2. If the matter remains unresolved, the student may, within 10 working days of being notified of the result of the discussion between the administrative officer and the instructor, or within 10 working days of her or his last discussion with the instructor, submit a detailed written statement of the complaint to the administrative officer. The administrative officer will refer it to a faculty committee composed of at least three faculty members in the department or unit offering the course or if such are not available, in closely allied fields. This committee will investigate the matter, meeting, as it may deem necessary, with the student, the instructor, and possibly others. Following its inquiries and deliberations, but prior to making its final recommendations, the faculty committee will submit a copy of its findings to the course instructor. If the course instructor elects to comment on the findings to the committee, this must be done in writing within 7 working days. After further consideration, but within 30 working days after receiving the student's statement, the faculty committee will submit its findings with its recommendations and reasons for those recommendations directly to the course instructor, with a copy to the administrative officer.
- 3. If the faculty committee recommends that the grade be changed, the administrative officer will ask the instructor to implement the recommendation. If the instructor declines, the administrative officer will change the grade, notifying the instructor and the student of this action. Only the administrative officer, upon the written recommendation of the faculty committee, will effect a change in grade over the objection of the instructor who assigned the original grade.²
- 4. If the faculty committee recommends that the grade not be changed, the administrative officer will notify the student of this action. The student may then appeal to the Dean of the School or College within which the course in question is housed, who will determine whether the above procedures have been properly

²Under current campus policy, transcript notation of 'DL' automatically becomes an F after one regular semester, and a notation of 'Y' automatically becomes an F after two regular semesters. These changes, which the Registrar is mandated to make, are not considered grade changes and are consistent with this Grade Appeal Policy. Students may appeal these changes provided the appeal is initiated within 30 working days of the notification of the change.

observed. If the Dean determines that the procedures have not been appropriately followed, and that their not being followed may have substantively affected the outcome, the case will be returned to the faculty unit for review by the same, or, if the Dean so determines, by a different committee.

5. If the Dean denies the procedural appeal the student may ask the Vice Chancellor for Academic Affairs, acting as the Chancellor's designee, to conduct a procedural review. The Vice Chancellor is not obligated to conduct such a review and will normally do so only where there is compelling evidence of procedural irregularities. If the Vice Chancellor finds the procedures have not been appropriately followed, and that their not being followed may have substantively affected the outcome, the case will be returned to a lower level for rereview. As the Vice Chancellor is acting as the designee of the Chancellor, there is no appeal beyond this level.

UM-ST. LOUIS BYLAW AMENDMENT

Voting Status of Non-Regulars

Current Version:

300.040 C.1. Membership -- The voting members of the Senate shall consist of the President; the Chancellor; the Vice Chancellor for Academic Affairs; the Vice Chancellor for Managerial and Technological Services; the Vice Chancellor for Administrative Services; the Vice Chancellor for University Relations; the Vice Chancellor for Student Affairs; deans or equivalent of schools, colleges, and such parallel units as may be created from time to time; the Dean of Continuing Education-Extension; the Director of Libraries; the President Officer of the Faculty Council; the President of the Student Body, seventy-five members elected by the Faculty, twenty-five members elected by the Student Body (not to exceed twenty-five). Non-voting members shall include administrative staff designated by the Chancellor, the President of the Staff Association, and members designated by any academic department not otherwise represented by an elected faculty senator.

Proposed Addition to 300,040 C.1.

For the purposes of Senate membership, the word "faculty" includes all those with a full-time non-regular academic appointment who have at least 50% teaching responsibilities per year and one of the following terms in their title: adjunct professor, visiting professor, clinical professor (professor to include assistant and associate ranks), lecturer, or instructor. Faculty so defined will have all the privileges of Senate participation including the right to vote on Senate membership, to be nominated for Senate membership, and to serve in the Senate and on Senate committees. Faculty so defined will be counted in apportioning Senate representation.

Current Version:

300.040 C.1.b. Each year during the winter semester each school, college, and any other parallel unit which may be created from time to time shall have allocated to it a number of faculty senators proportionate to the number of its voting faculty members as defined in Section 300.040 A.1 of these Bylaws.

Proposed Change to 300.040 C.1.b:

Each year during the winter semester each school, college, and any other parallel unit which may be created from time to time shall have allocated to it a number of faculty senators proportionate to the number of its eligible faculty members as defined in Section 300.040 C.1 of these Bylaws.

Rationale:

This change will grant Senate voting membership rights to full-time non-regular faculty.

UNIVERSITY OF MISSOURI-ST. LOUIS

ACADEMIC CALENDAR FOR 2000-2001

<u>2000</u>	FIRST SEMESTER		
August 21	Monday, classes begin 8 a.m.		
September 2	Saturday, Labor Day holiday begins 3 p.m.	M	15
September 5	Tuesday, classes resume 8 a.m.	T	16
November 21	Tuesday, Thanksgiving holiday begins 11 p.m.	W	15
November 27	Monday, classes resume 8 a.m.	TH	14
December 6	Wednesday, classes end 11 p.m.	<u>F</u>	14
December 7, 8	Thursday/Friday, Intensive study days*		74
December 11	Monday, final examinations begin		
December 19	Tuesday, first semester closes end of day		
<u>2001</u>			
January 7	Sunday, mid-year commencement		
	SECOND SEMESTER		
January 8	Monday, classes begin 8 a.m.		
January 15	Monday, Dr. Martin Luther King holiday	M	15
March 24	Saturday, spring recess begins 3 p.m.	T	15
April 2	Monday, classes resume 8 a.m.	W	15
April 30	Monday, classes end 11 p.m.	TH	15
May 1, 2	Tuesday/Wednesday, intensive study days*	<u>F</u>	<u>15</u>
May 3	Thursday, final examinations begin		75
May 10	Thursday, second semester closes end of day		
May 12	Saturday, annual commencement		
•	• •		

^{*}Intensive study days -- no classes held, no exams scheduled

SUMMER SESSION

May Intersession (4 weeks)	
May 14	Monday, classes begin 8 a.m.
May 28	Monday, Memorial Day holiday
June 8 Friday, session closes end of day	
Eight-Week Session	
June 11	Monday, classes begin 8 a.m.
July 4	Wednesday, Independence Day Holiday
August 1, 2	Wednesday/Thursday, final examinations
August 2	Thursday, session closes end of day
August 5	Sunday, summer commencement

COORDINATED ACADEMIC CALENDAR

On November 14, 1996, the IFC adopted the following set of principles to generate future academic calendars. These principles are:

- 1. There will be a common first day of classes for the Fall and Winter semesters. The first day of class for the Fall semester will be Monday on the fourth full week in August, and the first day of class for the Winter semester will be Monday of the second full week in January, unless this day is Martin Luther King Day, then classes will begin on Tuesday.
- 2. There will be common breaks during the Fall and Winter semesters. There will be a common Thanksgiving break, which includes the Wednesday before Thanksgiving through the weekend following Thanksgiving. The common Spring break will be the last full week in March.
- 3. The total number of class days will be between 74-76 days, with on the average 45 M/W/F and 30 T/Th classes.
- 4. Reading and final periods will be set by the individual campus. Every effort will be made to make the last day of class as close as possible for the four campuses.

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REPORT FROM THE COMMITTEE ON CURRICULUM AND INSTRUCTION January 19, 1999

I. The Committee recommends Senate approval for the following proposals:

Change in Degree Requirements

- 1. Master of Science in Nursing Degree
- 2. Master of Science in Management Information Systems (MS in MIS)

II. Housekeeping:

Change in Degree Requirements

- 1. Bachelor of Arts in Psychology
- III. The Committee wishes to inform the Senate of the following course actions that were effected by the Committee:

Curricular	Add/Drop/Change	Course Title	Credit
Designation/Number			Hours
Anthropology 138	Add	African-American Archaeology	3
Biology 358	Drop	Evolutionary Ecology of Plants	3
CCJ 233	Add	Philosophy of Law	3_
Computer Science 427	Add	Systems Administration	3
Computer Science 473	Add	Client/Server Computing	3
French 311	Change in description	Special Topics in French Culture	3
Gerontology 156	Change in title, description	Bioethics (formerly Medical Ethics)	3
JEE 327	Add	Special Topics in Real-Time Processing	3
JEE 364	Add	Digital Systems Engineering	3
Mathematics 306	Change in prerequisite, description	Applied Differential Equations	3
Mathematics 320	Change in description	Mathematical Statistics I	3
Mathematics 321	Change in description	Mathematical Statistics II	3
Mathematics 323	Change in prerequisite	Numerical Analysis	3
Philosophy 156	Change in title, description	Bioethics (formerly Medical Ethics)	3
Philosophy 287	Change in prerequisite, description	Philosophy of Law	3
Political Science 129	Change in description	Women and the Law	3
Political Science 228	Change in description	The Federal Judicial System: Politics, Process, and Behavior	3
Political Science 238	Change in description	Women in U.S. Politics	3
Political Science 243	Add	Union Leadership and Administration	3

REPORT FROM THE COMMITTEE ON CURRICULUM AND INSTRUCTION

January 19, 1999

Page 2

Curricular Designation/Number	Add/Drop/Change	Course Title	Credit Hours
Probability & Statistics 321	Change in description	Mathematical Statistics II	3
Probability & Statistics 326	Change in description	Introduction to Stochastic Processes	3
Probability & Statistics 330	Change in description	Multivariate Analysis	3
Probability & Statistics 331	Change in prerequisite,	Analysis of Variance and Design of	3
• • • • • • • • • • • • • • • • • • • •	description	Experiments	
Probability & Statistics 333	Change in description	Nonparametric Methods in Statistics	3
Psych 201	Change in prerequisite	Psychological Statistics	4
ED PSY 312	Change in prerequisite	The Psychology of Teaching and	3
		Learning	
SPC ED 413	Change in prerequisite,	Organizational Foundations for	3
	description	Special Education	
SPC ED 416	Change in title,	Current Research in Psychology of	3
	description	Learners with Disabilities	
	-	(formerly Current Research in	
		Psychology of Exceptional Children)	
SPC ED 421	Change in title,	Prescriptive Teaching of Learners	3
	prerequisite, description	with Disabilities	
	• • •	(formerly Prescriptive Teaching of	
		Exceptional Children)	
SPC ED 430	Change in title,	Introduction to Developmental	3
	prerequisite, description	Disabilities (formerly Theories and	
		Practice in Mental Retardation)	
SPC ED 443	Change in title,	Introduction to Learning Disabilities	3
	prerequisite, description	(formerly Learning Disabilities)	
SPC ED 444	Change in title,	Education of Learners with Learning	3
	description	Disabilities (formerly Education of	
	-	Children with Learning Disabilities)	
SPC ED 450	Change in title,	Introduction to Emotional/Behavioral	3
	prerequisite, description	Disorders	
		(formerly Introduction to Behavioral	
		Disorders)	
SPC ED 452	Change in title,	Education of Learners with	3
	description	Emotional/Behavioral Disorders	
	-	(formerly Education of Behaviorally	
		Disordered Children)	
SPC ED 463	Change in prerequisite,	Curriculum, Methods, and Materials	3
	description	for Early Childhood Special	
	•	Education	
SPC ED 492	Change in prerequisite,	Practicum in Special Education	3-6
	description		
SPC ED 497	Change in prerequisite,	Problems	1-10
	description		
Studio Art 397	Add	Senior Seminar in Graphic Design I	3
Studio Art 398	Add	Senior Seminar in Graphic Design II	3

SENATE PROPOSAL FORM FOR (check one): (X) CHANGE IN DEGREE REQUIREMENTS (Do Not Write in This Space) () CHANGE IN MINOR		
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Page _1_ of _5 Signed:		(if applicable) (if applicable
	partment Chair Date	Academic Affairs
Nursing Signed: Signed:	den Date	<u> </u>
	Master of Science in Nursing Degree Title of Degree/Minor/Certificate Program	
Are other departments likely to be affected by	y this change? (X) no () yes List depa	rtments and secure sign-offs
Page number(s) <u>429</u> and year <u>1997-98</u>	of most recent <i>Bulletin</i> listing.	
Current <i>Bulletin</i> listing:	Proposed <i>Bulletin</i> listing:	Rationale:
Cooperative Graduate Programs in Nursing Master of Science in Nursing The College of Nursing at St. Louis, in cooperation with the School of Nursing at University of Missouri-Kansas City, offers graduate nursing studies in three areas of clinical specialization: Health Care of the Adult Health Care of Children Health Care of Women. This graduate program offers students two ways of completing the Master of Science in Nursing Degree: one means is through completion of a minimum of 36 credit hours with functional role emphasis in administration, education, or clinical specialization; the second concentrates on the functional role of practitioner with completion of a minimum of 43 credit hours. Those selecting the practitioner functional role option will be eligible to complete	Cooperative Graduate Programs in Nursing Master of Science in Nursing at St. Louis, in cooperation with the School of Nursing at University of Missouri-Kansas City, offers graduate nursing studies in three areas of clinical specialization: Health Care of the Adult Health Care of Children Health Care of Women. The graduate program offers students two ways of completing the Master of Science in Nursing Degree: one means is through completion of a minimum of 36 credit hours with functional role emphasis in administration or education; the second concentrates on the functional role of clinical specialization or practitioner with completion of a minimum of 43 credit hours. Those selecting the practitioner functional role	Requirements for clinical specialization role have been increased to 43 credit hours to more accurately reflect the clinical requirements for the functional role.

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·	Master of Science in Nursing Degree Title of Degree/Minor/Certificate Program		
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Current <i>Bulletin</i> listing:	Proposed <i>Bulletin</i> listing:	Rationale:	
Admission Requirements Applicants must meet the following: 1) B.S.N. from NLN-accredited nursing program or B.S.N. program comparable to UM-St. Louis College of Nursing's B.S.N. program. 2) Minimum cumulative grade point average of 3.0 (4.0 scale). 3) Current professional nurse licensure with eligibility for licensure in Missouri. 4) Basic cardiac life support certification. 5) Successful completion of an undergraduate descriptive and inferential statistics course. 6) Successful completion of an undergraduate health assessment course. 7) Nurse practitioner functional option is available on a limited basis and requires a two-step admission process: initial admission to the M.S.N. followed by application to the practitioner functional role.	completing the clinical specialization or practitioner functional options are eligible for endorsement as advanced practice nurses in Missouri. Admission Requirements Applicants must meet the following: 1) B.S.N. from NLN-accredited nursing program or B.S.N. program comparable to UM-St. Louis College of Nursing's B.S.N. program. 2) Minimum cumulative grade point average of 3.0 (4.0 scale). 3) Current professional nurse licensure with eligibility for licensure in Missouri. 4) Basic cardiac life support certification. 5) Successful completion of an undergraduate descriptive and inferential statistics course. 6) Successful completion of an undergraduate health assessment course. 7) Nurse practitioner functional option is available on a limited basis. In addition to above criteria, practitioner option requires submission of narrative outlining goals	Advanced practice status in Missouri requires completion of clinical specialization or practitioner options. e of ity th on a More clearly defines admission expectations for practitioner functional option.	

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Current <i>Bulletin</i> listing:	Proposed <i>Bulletin</i> listing:	Rationale:
	two letters of reference, and two years clinical experience with chosen population.	
Degree Requirements	Degree Requirements	
Core Courses (completed by all students)	Core Courses	Courses are more reflective of American Association of Colleges of Nursing's Essentials of Master's
*404, Health Assessment for Advanced Nursing	405, Values in Health Care Decision Making	Education for Advanced Practice Nursing. This
Practice 445, Foundations of Advanced Nursing Practice	406, Policy, Organization, and Financing of Health Care	document is the official benchmark used to define graduate nursing curricula. New numbering system
448, Pathophysiology for Advanced Nursing Practice	408, Health and Society	better reflects course placement of the overall
450, Theoretical Foundations in Nursing 455, Quantitative Methods in Nursing Research	409, Professional Role Development 410, Health Promotion Across the Life Span	graduate program.
*472, Advanced Practice Nursing: Synthesis	411, Theoretical Foundations of Nursing Practice 412, Quantitative Methods of Nursing Research	,
Emphasis Courses* (Students must complete one	+12, Quantitative methods of Nursing Research	
course from each focal area.)	Emphasis Courses	
Health Promotion Focus 460A, Health Promotion and Protection in Adult	404, Health Assessment for Advanced Nursing Practice	
Health Nursing	407, Pharmacology for Advanced Nursing Practice	
460C, Health Promotion in the Nursing Care of	(completed by students enrolled in clinical	

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Current <i>Bulletin</i> listing:	Proposed Bulletin listing:	Rationale:
Children 460°, Women's Health Care 1 Acute and Chronic Nursing Care Focus 461A, Acute and Chronic Adult Health Nursing 461C, Acute and Chronic Child Health Nursing 461W, Women's Health Care II	specialization or practitioner options only) 448, Pathophysiology for Advanced Nursing Practice 461, Health Care Management Focus Course Adult Health Management or Child Health Management or Family Health Management or Women's Health Management or	•
Functional Role Courses Role Foundation (Students must complete one course.)	463, Clinical Issues in Acute and Chronic Care Across the Lifespan	
471NA, Role of the Nurse Administrator 471NE, Role of the Nurse Educator 471NS/NP, Role of the Clinical Specialist, Nurse Practitioner	Practicum: 472, Synthesis Practicum (completed by students enrolled in administrator and educator functional options only)	
Role Enactment (Practitioner functional role only) *464, Ambulatory Care Management 407, Pharmacology for Advanced Nursing	474, Advanced Nursing Practice internships (A, B,and C) completed by students enrolled in clinical specialization or practitioner options)	
Elective (Completed by all students) Students complete three hours which support the chosen functional role. Course work may be taken	Note: Practicum courses include a clinical fee.	•

SENATE PROPOSAL FORM FOR (check one):	(X) CHANGE IN DEGREE REQUIREMENTS () CHANGE IN MINOR	(Do Not Write in This Space)	
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Page 5 of 5 Department Signed: Nursing Signed:	epertment Chair Date 2/34/	(if applicable)/ Senate C&I/ Senate/ Academic Affairs/	
School or College	Dete Dete		
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Current Bulletin listing:	Proposed <i>Bulletin</i> listing:	Rationale:	
within the College of Nursing or from an approved list available from the Student Services Office in the College of Nursing.	·	,	
Culminating Research Activity (All students complete seminar course. Students choose either project or thesis.) 477, Thesis/Directed Research Seminar 478, Directed Research 479, Thesis	Culminating Research Activity Students may select from one of the following options: 1) Six hours of approved research course work*; or. 2) Three hours approved research course work* and approved research project; or 3) Directed research project; or 4) Thesis	Addition of the option of additional research course work provides greater flexibility for students.	
	*Courses may be taken within the College of Nursing or from an approved list available from the Student Services Office in the College of Nursing.	·.	

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FROM: School of Business Administration	Signed: 4.7.98	Academic Affairs		
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	Title: Revision to Master of Science in Management Information Systems			
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Are other departments likely to be affected by	y this change? (x) no () yeslist departments and secure sign-offs			
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Current <u>Bulletin</u> listing:	Proposed Bulletin Listing:	Rationale:		
•	Graduate Studies The School of Business Administration offers three graduate degrees: the Master of Business Administration (MBA), the Master of Science in Management Information Systems (MS in MIS), and the Master of Accounting MAcc).	no change	1	ì
i .	Admission Requirements The admissions decision is based on a combination of factors. Consideration is given to a candidate's academic record, scores on the Graduate Management Admissions Test (GMAT), work and leadership experience, a personal narrative on the application form, and recommendations.			ı
	Applicants are required to take the GMAT. This aptitude test is designed to measure certain mental capabilities important in graduate business studies. The examination tests ability to read, understand, and reason logically with both verbal and	ı		

quantitative material. The test is not a measure of achievement or knowledge of business administration curriculum. Applications for the examination may be made directly to the

Intemet-based program is designed in a 48 credit hour lock-step format and is intended for students who are unable to attend classes on a regular basis. As such, students will only meet on campus several weekends throughout the course, with the remainder of the interaction between instructor and students taking place over the Internet. Students proceed through the program as part of a cohort group and complete the requirements for the degree in two years.

The first 30 hours of the Internet-based program consist of the same core courses required in the evening program (except for the mathematics and economics requirements, which are treated as prerequisites and must be satisfied prior to starting the program). The remaining 18 hours consist of the following courses:

Accounting 442, Accounting for Decision Makers
Finance 459, Seminar in Finance
Management 469, Seminar in Management
Marketing 474, Seminar in Marketing
MS/IS 424B, Seminar in Management Information Systems
MS/IS 494B, Seminar in Logistics and Operations Management

Master of Science in Management Information Systems (MS in MIS)

The MS in MIS program is designed to provide students with a foundation in functional business areas and in managerial and analytical skill areas required in modern organizations. A specialized program in computer-based management information systems is then built on this foundation. The objective of the program is to offer students sufficient technical and managerial knowledge and skills to operate successfully in the rapidly changing careers associated with the design, development, and management of computer-based information and telecommunications systems. The program is designed for students who have bachelor's degrees from accredited institutions, but it is not restricted to any single undergraduate major.

MS in MIS Program Degree Requirements

The curriculum involves a 60-hour or two-year program including a 30-hour core curriculum that is identical to that of the MBA program. Students with the appropriate academic background may waive some or all of this core curriculum. The second 30 hours involves a specialized curriculum oriented around computer-based management information and

Master of Science in Management Information Systems (MS in MIS)

The Masters of Science in MIS program is designed to provide the technical and managerial knowledge and skills to operate successfully in the rapidly changing careers associated with the design, development and management of computer-based information, telecommunications, and internet applications. The program accommodates students with undergraduate degrees specializing in MIS, business, and computer science, as well as students with undergraduate degrees outside business and MIS. The program allows specialization in telecommunications, electronic commerce, or business systems development; the program also allows students not to select a specialization option.

MS in MIS Program Degree Requirements

The program may require as few as 30 hours for students with undergraduate business degrees from AACSB accredited institutions. Because of the need to attain general business core competencies as a foundation of the MS in MIS requirements, students with no academic business background will be required to take additional credit hours as outlined below.

no change

To make the program more flexible, to allow students to specialize in particular areas of MIS, and make the program more competitive.

telecommunications systems--their design, development, and management.

Students also are required to have successfully completed the equivalent of Econ 301, Quantitative Methods and Modeling in Economics, Business and the Social Science, by the end of their first year. While graduate credit is not given for this course, it will be included in grade point calculation.

Required Basic Courses

The following courses, or their equivalents, are required of all degree candidates:

BA 405, Managerial Communication BA 408, Economics for Managers BA 412, Law, Ethics, and Business

Accounting 440, Financial and Managerial Accounting

Finance 450, Financial Management
Management 460, Omanizational Behavi

Management 460, Organizational Behavior and Administrative Processes

Marketing 470, Contemporary Marketing Concepts

MS/IS 480, Management Information Systems

MS/IS 481, Statistical Analysis for Management Decisions

MS/IS 483, Production and Operations Management

Required Specialization Courses

The following courses are required:

MS/IS 484, Business Programming and File Systems
MS/IS 485, Theoretical Foundations of Management
Information Systems

MS/IS 488. Information Systems Analysis

MS/IS, 489, Database Management Systems

MS/IS 495, Information Systems Design

BA 490, Strategy Formulation and Implementation

At least two of the following courses are also required: MS/IS 491, Computer Systems: Architecture and

Programming

MS/IS 492, Information Systems Management

MS/IS 493, Simulation for Managerial Decision Making

MS/IS 496, Telecommunications: Design and Management (or BA 305)

MS/IS 497, Expert Systems (or BA 306)

MS/IS 498, Fourth Generation Languages and End User Computing (or BA 307)

MS/IS 424, Seminar in Current MIS Topics

General Requirements

quantitative reasoning

All students must meet course requirements in internatics, general business and MIS. Students must complete a minimum of 30 credit hours beyond the general business core. Of the 30 hours beyond the general business core, at least 15 credit hours in MIS must be completed at the 400 level, and at least 24 of the hours must cover topics beyond MSIS 480 and MSIS 423a. Students with a B.S.B.A. with an emphasis in MIS or a B.S. in MIS from an AACSB accredited institution may, at the student's discretion, substitute two electives for MSIS 480 and MSIS 423a. Waivers may be granted for other courses with appropriate undergraduate coursework.

Mathematics-Background Requirement- Quantitative Reasoning Requirement Students are required to have completed by the end of their first semester in the program the equivalent of Economics 301, Quantitative Methods in Modeling in Economics, Business and the Social Sciences with a grade of C or better. Students are also required to complete the equivalent of MSIS 481,

Statistical Analysis for Management Decisions with a grade of C or better. These courses do not count towards the graduate degree, but waivers may be granted with appropriate undergraduate coursework.

General Business Core

Students must have a B.S. in MIS, or a B.S.B.A. with an emphasis in MIS that requires a managerial communication course, and coursework equivalent to at least five of the following courses:

BA 412 Law, Ethics, and Business

ACCT 440 Financial and Managerial Accounting

FIN 450 Financial Management

MGMT 460 Organizational Behavior and Administrative Processes

MKTG 470 Contemporary Marketing Concepts

MSIS 483 Production and Operations Management

BA 490 Strategy Formulation and Implementation

Students having not met this prerequisite to the program must complete BA 405 Managerial Communication and coursework from at least five of the courses listed above.

Program Requirements

A. Basic MIS Courses 9 credit hours
MSIS 480 Management Information Systems

MS/IS 425, Advanced MIS Applications

Electives

Each student must take six hours in a "related discipline" from an approved list available in the Graduate Studies in Business Office. Both courses must be taken in the same related discipline area. The six hours may also be met by the completion of a thesis.

MSIS 423a	Applications of Programming for Business
MSIS 485	Solutions Management Information Systems: Theory and Practice

B. MIS Specialization Courses 15 credit hours see specializations following this overall description

C. MIS Electives

6 credit hours

Students must take at least two of the following courses. A course cannot count for credit as an elective if it is used as a specialization course (see Section B).

pecialization c	ourse (see Section B).
BA 414	Introduction to Geographic Information Systems
MSIS 423b	Managerial Applications of Object-Oriented Technologies
MSIS 423c	Business Programming and File Systems
MSIS 423d	Internet Programming for Business
MSIS 424a	Seminar in Current Management Information Systems Topics
MSIS 424c	Business Process Design
MSIS 424d	Management of Transnational Information Systems
MSIS 425	Advanced MIS Applications
MSIS 426	Management of Client/Server Computing
MSIS 488	Information Systems Analysis
MSIS 489	Database Management Systems
MSIS 491	Electronic Commerce
MSIS 492	Information Systems Strategy
MSIS 493	Simulation for Managerial Decision Making
MSIS 495	Information Systems Design
MSIS 496	Telecommunications: Design and Management
MSIS 497	Decision Support Systems
MSIS 498	Fourth Generation Languages and End User Computing
MSIS 499	Management Information Systems Thesis Research
CSc 377	Operating Systems for Telecommunications
CSc 427	Systems Administration

MIS Specialization Options

(these are the course requirements for Category B identified previously)

1. Business Systems Development

The following four courses are required:

MSIS 488 Information Systems Analysis

MSIS 489 Database Management Systems

MSIS 495 Information Systems Design

MSIS 496 Telecommunications: Design and Management Also required is one additional MIS course not being used for credit in Section C.

Students having earned a B.S.B.A. with an emphasis in MIS or a B.S. in MIS from a AACSB accredited university may be granted waivers for MSIS 488 and MSIS 489 with appropriate course work. However, they *must* take MSIS 495 and additional electives of their choice to complete this option.

2. Telecommunications

The following five courses are required:

MSIS 496	Telecommunications: Design and Management			
MSIS 423b	Managerial Applications of Object-Oriented			
	Technologies			
MSIS 426	Management of Client/Server Computing			
00-077	Operating Customs for Talesammunications			

CSc 377 Operating Systems for Telecommunications

CSc 427 Systems Administration

3. Electronic Commerce

The following five courses are required:

MSIS	491	Electronic Cor	nmerce

MSIS 423d Internet Programming for Business

MSIS 426 Management of Client/Server Computing

MSIS 489 Database Management Systems

MSIS 496 Telecommunications: Design and Management

4. General MIS (no track)

Any five courses from the list under Category C (not being used for credit in Category C) are required.

Master of Accounting Program (MAcc)

The MAcc program is intended for students preparing to enter the accounting profession or furthering existing accounting careers. Designed to accommodate both students with undergraduate accounting majors and students with other no change

Psychology 201 is a prerequisite for Psychology

SEN: 7/88

Statistics. Psychology 201 is a

prerequisite for Psychology 219.

In addition to the core curriculum, at least 22 additional credit hours in psychology must be taken. At least three of these courses totaling a minimum of nine hours must be at the 300 level. Multiple enrollments in Psychology 390, Directed Studies, count as no more than one 300-level course. No more than six hours of independent study courses (Psychology 295, Selected Projects in Field Placement, and Psychology 390, Directed Studies) may be counted toward the 32-hour minimum needed for graduation.

Majors must meet the University general education requirements and the requirements of the School or College from which they expect to receive their degree. After fulfilling general education and specific major degree requirements, students are to take the remaining hours required to complete the B.A. in Psychology from courses which the appropriate department has evaluated as being of university-level quality from one or more of the following areas or their university-quality equivalents at other institutions: anthropology/ archaeology, art (appreciation, history, studio), biology, chemistry, communication, criminology and criminal justice, economics, English, foreign languages/literatures, history, mathematics/ computer science, music (appreciation, history, performance), philosophy, physics, political science, social work, sociology, business, education, engineering, astronomy, geology and interdisciplinary.