



UNIVERSITY OF MISSOURI-ST. LOUIS

Senate

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M E M O R A N D U M

TO: The Senate

FROM: Dr. Lois Pierce, Senate Chairperson *LPigma*

DATE: April 17, 1996

The 1995-96 Senate is scheduled to meet at 3:15 p.m. on Tuesday, April 23, in 126 J. C. Penney. The agenda follows:

- I. Approve minutes from previous meeting (action item)
- II. Report from the Chairperson and resolution proposal (action item, see attached) -- Dr. Lois Pierce
- III. Report from the Chancellor -- Chancellor Blanche Touhill
- IV. Report from the Faculty Council -- Dr. Charles Larson
- V. Report from the Intercampus Faculty Council -- Dr. Susan Feigenbaum
- VI. Report from the Student Government Association -- Ms. J. Elizabeth Titlow
- VII. Committee reports:
 - A. Assessment of Educational Outcomes (action item) -- Dr. Gary Burger
 - B. Computing -- Dr. Susan Sanchez
 - C. Curriculum and Instruction (action items, see enclosed) -- Dr. Lawrence Friedman
 - D. Student Publications -- Dr. Cathy Vatterott
 - E. Physical Facilities and General Services (action items, see attached) -- Dr. Lawrence Barton

VIII. Other business

IN EXECUTIVE SESSION:

Report from Honorary Awards Committee (action item) --
Vice Chancellor Kathleen Osborn

RESOLUTION

WHEREAS, the University of Missouri mission holds that "the University is committed to the principles of academic freedom, equal opportunity, and diversity; and to protecting the search for truth and its open expression";

WHEREAS, failure to support access to University of Missouri educational resources, without threat of harassment, to any group, including gay, lesbian and bisexual students, faculty and staff, violates the University's commitment to equality of access to education and employment without restriction;

WHEREAS, several federal executive agencies, including the Departments of Justice and Health and Human Services, have issued executive orders forbidding sexual orientation discrimination in employment;

WHEREAS, the U.M. System's peer universities, including Washington University, St. Louis University, and other Big 8 universities, Big 10 universities, and Research I universities, as well as the St. Louis Community College System, have sexual orientation included in their non-discrimination statements;

WHEREAS, municipalities such as Columbia and St. Louis have passed local legislation extending legal protection from discrimination to lesbian, gay and bisexual citizens;

THEREFORE BE IT RESOLVED, that the Senate *of the University of Missouri-St. Louis* voices its unequivocal support for the addition of the category of SEXUAL ORIENTATION to the non-discrimination clause for the University of Missouri System.

Enacted this ____ day of _____, 1996.

COMMITTEE ON PHYSICAL FACILITIES AND GENERAL SERVICES

Senate Meeting, April 23, 1996

The committee will present the following.

1. Adoption of a campus keying policy

Committee will recommend adoption of a campus key policy. The essential elements of the *Policy* are as follows:

- a) The *Policy* requires maintenance of complete records on a computer data-base, assigns responsibility for keys issued to units, establishes procedures for the issuance and return of keys and establishes guidelines for building security.
- b) The system requires deposits for keys ranging from \$20.00 for building master keys to \$5.00 for most individual room keys. The unit head, Department Chairs, Directors, Deans, etc. will be responsible for collection of deposits. Loss of keys will result in loss of deposits.
- c) Penalties and safeguards will be established to assure that keys are returned when personnel leave the University. This will include delays in issuance of final pay checks, grades or transcripts.
- d) A key transfer procedure is also established as part of the *Policy*.

Individuals wishing to examine the *Policy* may obtain copies from the Senate Office or the Committee Chair. It may also be viewed on the Senate web page.

2. Parking

The committee recommends that the campus return to a system of lot-specific parking. If this were to be approved, parking stickers would have assigned lots indicated on them. The rationale for this recommendation is as follows:

- a) Since parking was changed to allow faculty and staff permit holders to park anywhere, parking around buildings or areas with close lots and limited numbers of spaces, has been chaotic. This is particularly a problem at the Science Complex, Woods Hall and the South Campus.
- b) Also since the new policy was established, the number of parking spaces has been reduced near the Science Complex. This was due to the ongoing construction, the assignment of spaces to the maintenance staff and to patrons of the Psychology Clinic. There is a serious under-capacity for occupants of Woods Hall and the Science Complex.
- c) Faculty and staff complain that not knowing where they will park and having to drive around looking for parking spaces and also looking for their cars at the end of the day is a real frustration. It is also unproductive use of time. Such driving around would be reduced if individuals always parked in the same lot.
- d) This problem of having to cruise around looking for parking is very inconvenient at the Science Complex because a single pass through the lot requires one to circle around near the

Mark Twain building or on Natural Bridge Road. Since the latter is a busy thoroughfare, this presents a safety problem

- e) Since the current policy has been in effect, the Shuttle has been established. It has been very successful, ridership is way up and customer satisfaction is high. Thus if students and some faculty have to park in more remote locations, they can use the shuttle and reach their destinations in a timely manner.

3. Parking Fee Increases.

The Administrative Services Department has determined that an increase in parking fees is necessary. The committee is convinced that their assessment is correct. A "worst case" scenario is presented in the appended material. The increased fees are required to pay for the new West Campus Drive parking garage. Mr. Schuster will be available for questions. The proposal had not been shared with the Student Government Association and any action will not take place until the SGA has been given an opportunity to review the data.

4. Soft Drink Contract.

The committee has reviewed the beverage proposals received in response to an RFP and has recommended to the administration that the proposal from *Coco Cola* be accepted. Data appended to the report indicate substantial savings to the campus.

5. Recycling

A brief report will be given by Paul Travers, chair of the sub-committee on recycling.

The following items are reported for information purposes and will not be included in the oral report to the Senate.

6. Road Improvements

Bids are out for resurfacing of the South Campus West Drive from Natural Bridge Road to the new apartments. The West Drive - Benton Drive roads between the Natural Bridge Road/West Campus Drive intersection, along Benton Drive to the intersection with the main entrance will be resurfaced now the construction in these areas is over. A proposal for improvement of the eastern entrance to the South Campus is in the hands of BiState Development Agency.

7. Airport Noise

The committee has received copies of the recently completed noise survey and has passed it on to the campus committee which has been working to improve the airport noise situation.

8. Mark Twain

The committee received a written complaint about the disagreeable state of the Mark Twain Complex. No resolution to the problem has been reached but there have been discussions with both Vice Chancellor Schuster and Athletic Director Dolan.

Lawrence Barton,
for the committee.
April 17, 1996

University of Missouri - St. Louis
Parking Projections (West Drive Garage)

3/20/96

Incremental Funding Requirements

1991 Projection	Previous 1994-95	Current 1995-96	Year 1 1996-97	Year 2 1997-98
REVENUES				
Fees:				
Student Credit Hrs. (1)	194,505	200,000	200,000	200,000
Rate per Credit Hr. (2)	\$3.45	\$3.66	\$3.88	\$4.11
Total Student Fees	670,068	732,340	776,280	822,857
Faculty/Staff	1,513	1,588	1,588	1,588
Monthly Rate (2)	\$11.91	\$12.62	\$13.38	\$14.18
Total Fac/Staff Fees	216,257	240,574	254,969	270,267

GARAGE REVENUES

New Garage Fees:

Student Credit Hrs. (1)	200,000	200,000
Rate per Credit Hr. (2)	\$2.60	\$2.59
Total Student Fees	520,108	518,400
Faculty/Staff	1,588	1,588
Monthly Rate (2)	\$8.96	\$8.94
Total Fac/Staff Fees	170,829	170,268
TOTAL GARAGE REVENUES	690,937	688,669
Less Capital Pool Contrib. (3)	113,100	116,493
Plus Forward Balance	-	5,941
Net Funds to Service Debt	577,837	578,117
Annual Debt Service (4)	571,896	571,896
W. Drive 650 space structure	571,896	571,896
Year End Account Balance	5,941	6,221

Notes:

- (1) Current year and years 1 & 2 annual growth is static.
- (2) Fac/Staff and Student fees increased 6% annually.
- (3) Maintenance reserve based on 1.5% of construction cost of new parking garage. Inflated 3% annually.

(4) Bond issues:	No. o Spaces	Cost/space	Total Cost of Garage	Projected i Rate	Term	Annual Payment
	650	\$ 11,600	\$ 7,540,000	6.5%	30 yrs.	\$571,896

EVALUATION SUMMARY BEVERAGE PROPOSALS

	<u>COCA-COLA Proposal 1</u> (EXCLUSIVE)	<u>PEPSI Proposal 1</u> (EXCLUSIVE)	<u>COCA-COLA Proposal 1A</u> (C-STORES EXEMPT)	<u>PEPSI Proposal 1A</u> (C-STORES EXEMPT)
Total Additional Vending Revenue	\$12,990.96	\$(4,271.40)	\$12,990.96	No response
Total Academic/Campus Life Support	25,000.00	5,000.00	15,000.00	No response
Total Athletic Support	15,000.00	10,000.00	10,000.00	No response
TOTAL	\$52,990.96	\$10,748.60	\$37,990.96	No response

10 YEAR TOTAL:

	<u>COCA-COLA Proposal 1</u> (EXCLUSIVE)	<u>PEPSI Proposal 1</u> (EXCLUSIVE)	<u>COCA-COLA Proposal 1A</u> (C-STORES EXEMPT)	<u>PEPSI Proposal 1A</u> (C-STORES EXEMPT)
Total Academic/Campus Life Support	\$237,500.00	\$ 50,000.00	\$142,500.00	No response
Total Athletic Support	\$142,500.00	\$100,000.00	\$ 95,000.00	No response

REPORT FROM THE SENATE COMMITTEE ON CURRICULUM AND INSTRUCTION
March 21, 1996

I. The Committee has approved the course additions/
 changes/eliminations noted below:

English 220	drop	"Development of the English Language"	3 hours
French 320	drop	"Advanced Oral Composition"	3 hours
Music Practicum 405	drop	"Percussion Literature"	2 hours
Music Practicum 406	drop	"String Literature"	2 hours
Biology 303	add	"Biotechnology Colloquium"	1 hour
Biology 383	add	"Introduction to Geographic Information Systems"	3 hours
Biology 483	add	"Applications of Geographic Information Systems"	3 hours
ESL 305	add	"Advanced ESL Grammar"	2 hours
Spanish 326	add	"Applied Linguistics in Spanish"	3 hours
Spanish 327	add	"Spanish Dialectology"	3 hours
History 358	add	"Central Asia, Nationalism, and the Contemporary World"	3 hours
History 440	add	"United States History for the Secondary School Classroom"	3-6 hours
History 441	add	"World History for the Secondary School Classroom"	3-6 hours
History 491	add	"Dissertation Research"	1-18 hours
History 492	add	"Doctoral Presentation Seminar"	1-3 hours

History 499	add	"Directed Readings for Doctoral Students"	1-6 hours
Philosophy 330	add	"Topics in Ethical Theory"	3 hours
Philosophy 353	add	"Feminist Ethical Theory"	3 hours
Philosophy 379	add	"Philosophy of Cognitive Science"	3 hours
Social Work 314	add	"Social Work with Culturally Diverse Populations"	3 hours
Psychology 375	add	"The Social Psychology of Disabilities"	3 hours
Sociology 375	add	"The Social Psychology of Disabilities"	3 hours
Gerontology 311	add	"Physiology of Aging"	3 hours
Biology 311	change description	"Physiology of Aging"	3 hours
Art and Art History 340	change title	"Drawing IV"	3 hours
Chemistry 321	change description	"Instrumental Analysis"	2 hours
ESL 301	change description	"Conversation and Pronunciation"	3 hours
ESL 302	change description	"Listening and Note-Taking"	2 hours
ESL 303	change title, description	"Writing and Reading"	3 hours
Music History and Literature 401	change hours	"Studies in Style and Performance Practices"	3 hours
Music Practicum 402	change hours	"Choral Literature"	3 hours
Music Practicum 403	change title, hours, description	"Band Literature"	3 hours
Music Practicum 404	change title, hours, description	"Orchestra Literature"	3 hours

Music Theory and Composition 411	change hours	"Scoring and Arranging"	3 hours
Music Theory and Composition 412	change hours	"Advanced Composition Techniques"	3 hours
Music Practicum 421	change hours	"Advanced Conducting"	3 hours
Applied Music 431	change curricular designation to Ensemble Performance	"Advanced Chamber Ensemble"	0 hours
Music Pedagogy 474	change hours	"Techniques of Group Keyboard Instruction"	3 hours
Sociology 316	change prerequisite	"Power, Ideology, and Social Movements"	3 hours
Sociology 380	change prerequisite	"Selected Topics in Social Policy"	1-3 hours
Nursing 220	change hours, prerequisite, description	"Health Assessment"	4 hours
Russian 8	add	"Introduction to Life in Russia"	2 hours

II. The Committee recommends approval for a proposed new degree program, the Bachelor of Health Science (see attached summary). A copy of the full proposal is on reserve in the Thomas Jefferson and Education libraries.

III. The Committee has approved proposed "housekeeping" changes to the Bachelor of Music in Music Education (to add a choral arranging course) and to the Graduate Certificate in Tropical Biology and Conservation (to add electives).

April 4, 1996

I. The Committee has approved the course additions/changes/eliminations noted below:

Philosophy 365	change prerequisite, description	"Theory of Decisions and Games"	3 hours
Political Science 306	add	"Theory of Decisions and Games"	3 hours

BA 93	add	"Personal Finance for Non-Business Majors"	3 hours
BA 207	add	"Practicum in Investments"	1 hour
BA 252	change number, prerequisite	"Introduction to Operations Management"	3 hours
BA 303	change title, description	"Business-to-Business Marketing"	3 hours
BA 332	add	"Principles of Insurance"	3 hours
BA 337	add	"Principles of Real Estate"	3 hours
BA 408	add	"Economics for Managers"	3 hours
BA 412	change title, description	"Law, Ethics, and Business"	3 hours
ACC 440	change title, description	"Financial and Managerial Accounting"	3 hours
ACC 442	add	"Accounting for Decision Makers"	3 hours
MS/IS 482	change title, prerequisite, description	"Management Science Methods"	3 hours
MS/IS 483	change prerequisite, description	"Production and Operations Management"	3 hours
Music Education 300	add	"Directed Studies: Variable Topic"	1-5 hours
Music Pedagogy 300	add	"Directed Studies: Variable Topic"	1-5 hours
Music Theory and Composition 300	add	"Directed Studies: Variable Topic"	1-5 hours
Music History and Literature 300	add	"Directed Studies: Variable Topic"	1-5 hours
Music Education 375	change hours	"Microcomputer Applications in Music Education"	3 hours

Music Education 376	change hours, prerequisite	"Microcomputer- Assisted Instruction Curriculum Development in Music"	3 hours
Music Education 407	change hours	"Techniques and Literature for the Jazz Ensemble"	3 hours
Music Education 413	change hours	"Teaching Music Theory in the High School"	3 hours
Music Education 451	change hours	"Advanced Instrumental Methods"	3 hours
Music Education 452	change hours	"Instrumental Music Administration"	3 hours
Music Education 461	change hours	"Advanced Choral Methods"	3 hours
Music Education 462	add	"Guitar in the Classroom"	3 hours
Music Education 465	change hours	"Music Theater in the School"	3 hours
Music Education 471	change hours	"General Music: A Model for Multifaceted Musical Learning"	3 hours
Music Education 472	change hours	"Electronic Music Techniques for Teachers"	3 hours
Music Education 473	change hours	"Individualizing Music Instruction"	3 hours
Music Education 481	change hours	"Foundations of Music Education"	3 hours
Music Education 482	change hours	"School Music Administration and Supervision"	3 hours
Music Education 483	change hours	"Contemporary Music Education"	3 hours
Music Education 484	change hours	"Problems of Urban Music Education"	3 hours
Music Education 491	change hours	"Music Education Research"	3 hours
Music Education 492	change hours	"Psychology of Music"	3 hours

Music Education 495	change hours	"Special Problems in Music Education"	1-3 hours
Music Education 499	change hours	"Master's Project in Music Education"	3 hours
BA 250	change number, prerequisite, description	"Business Statistics"	3 hours
Engineering 30	change prerequisite	"Engineering Graphics"	3 hours
Optometry 506	change description	"Practice Management I"	2 hours
Optometry 557	change title, description	"Environmental Vision"	2 hours
Optometry 568	change description	"Clinical Medicine"	2 hours
Music Education 301	change hours, prerequisite	"Marching Band Techniques"	3 hours
Music Education 377	change hours	"Advanced Microcomputer Applications in Music"	3 hours
English 307	add	"Linguistics"	3 hours
English 308	add	"English Grammar"	3 hours
English 309	add	"History of the English Language"	3 hours
English 322	drop	"Modern English Grammar"	3 hours
English 122	change number, description	"Traditional Grammar"	3 hours
History 400	change number, prerequisite	"Readings in American History to 1865"	3 or 5 hours
History 405	change number, prerequisite	"Readings in American History Since 1865"	3 or 5 hours
History 410	change number, prerequisite	"Readings in European History to 1715"	3 or 5 hours
History 415	change number, prerequisite	"Readings in European History Since 1715"	3 or 5 hours

History 420	change number, prerequisite	"Readings in East Asian History"	3 or 5 hours
History 425	change number, prerequisite	"Readings in Latin American History"	3 or 5 hours
History 430	change number, prerequisite	"Readings in African History"	3 or 5 hours
History 435	change number, prerequisite	"Introduction to Historical Agencies"	3 hours
History 436	change number, prerequisite	"Studies in Historical Agencies"	3 hours
History 437	change number, prerequisite	"Practicum in Historical Agencies"	1-6 hours
History 448	change number, prerequisite	"Thesis Seminar"	2-6 hours
History 449	add	"Directed Readings"	3 hours
History 450	add	"Doctoral Proseminar in American History to 1865"	3 hours
History 451	add	"Doctoral Research Seminar in American History to 1865"	3 hours
History 455	add	"Doctoral Proseminar in American History Since 1865"	3 hours
History 456	add	"Doctoral Research Seminar in American History Since 1865"	3 hours
History 460	add	"Doctoral Proseminar in European History to 1715"	3 hours
History 461	add	"Doctoral Research Seminar in European History to 1715"	3 hours
History 465	add	"Doctoral Proseminar in European History Since 1715"	3 hours
History 466	add	"Doctoral Research Seminar in European History Since 1715"	3 hours

History 470	add	"Doctoral Proseminar in East Asian History"	3 hours
History 471	add	"Doctoral Research Seminar in East Asian History"	3 hours
History 475	add	"Doctoral Proseminar in Latin American History"	3 hours
History 476	add	"Doctoral Research Seminar in Latin American History"	3 hours
History 480	add	"Doctoral Proseminar in African History"	3 hours
History 481	add	"Doctoral Research Seminar in African History"	3 hours
PPA 396	add	"American Philanthropy and Non-Profit Resource Development"	3 hours
Social Work 396	add	"American Philanthropy and Non-Profit Resource Development"	3 hours

II. The Committee recommends approval for a proposed new degree program, the Ph.D. in History (see attached summary). A copy of the full proposal is on reserve in the Thomas Jefferson and Education libraries.

III. The Committee recommends approval for the following proposed new certificate programs (see attached):

- A. Graduate Certificate in Non-Profit Organization Management and Leadership
- B. Undergraduate Certificate in Non-Profit Organization Management and Leadership

IV. The Committee recommends approval for a proposed change in emphasis area from Management Science to Logistics and Operations Management (see attached).

V. The Committee recommends approval for proposed changes in degree requirements for the following (see attached):

- A. Master of Music Education
- B. Master's in Public Policy Administration
- C. School of Business Administration degree requirements
- D. Master of Business Administration
- E. B.A. in English with Certification for Secondary Education

- VI. The Committee has approved a proposed "housekeeping" change to the O.D. to add a required course recommended by the Council on Optometric Education.

SENATE PROPOSAL FORM FOR (check one): NEW DEGREE PROGRAM
 NEW MINOR
 NEW CERTIFICATE PROGRAM
 (See Instructions on Reverse)

Page 1 of 5

Biology
 Department

Signed: [Signature] 4/3/96
 Department Chair/Coordinator Date

Evening College
 School or College

Signed: [Signature] 4/3/96
 Dean Date

(Do Not Write in This Space)
 initials/date

ROUTING:
 Academic Affairs _____/_____
 Graduate School _____/_____
 (if applicable)
 Senate C&I gma 3-21-96
 Senate _____/_____
 Academic Affairs _____/_____
 (effective date: _____)

BACHELOR OF HEALTH SCIENCE DEGREE
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? no yes--list departments and secure sign-offs
 Students in this program will enroll in currently offered courses for the first three years. The biology department will offer prerequisites and major area courses.

Rationale for proposed new degree/minor/certificate:

The U.S. Bureau of Labor Statistics predicts that by the year 2005, 17% of all jobs will be health-related with 3.9 million workers needed. Employment experts cite an aging population, new medical technology, increased public and private financing of health care services, and the growth of home health care as primary factors. Severe shortages of health related personnel already exist in certain fields. New federal regulations requiring more stringent credentials for medical technologists and technicians is producing a seller's market for those already highly credentialed (Peterson's Job Opportunities in Health Care program description for Bulletin:

SEE ATTACHED

10

The Bachelor of Health Science degree (BHS) is designed to prepare students for two career areas in the Allied Health field. One is in Clinical Laboratory Science (CLS), formerly known as Medical Technology, and the other is in Cytotechnology (CT).

Clinical Laboratory Science, Clinical Laboratory Scientists are highly skilled health professionals who are trained to practice in a wide variety of laboratory specialties. These health professionals perform laboratory tests in the areas of microbiology, chemistry, hematology, blood banking, immunology and urinalysis.

Cytotechnology, Cytotechnologists are trained to analyze the structure and function of cells. Their knowledge enables them to identify normal cells and detect changes in body cells due to neoplasia, infectious agents, viruses and the other many causative agents. They screen slide preparations of body cells utilizing the microscope.

The BHS degree combines course work taken at UM-St. Louis for the first three years with clinical experiences taken in the fourth year at Jewish Hospital College of Nursing and Allied Health (JHC).

Admission, Admission to the program is competitive and based upon academic performance and faculty recommendations. The number of students admitted will depend on the availability for clinical laboratory training sites.

Clinical Affiliation, The senior year of these programs is completed at Jewish College of Nursing and Allied Health and clinical sites accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

At the completion of clinical training all students are eligible for examination and certification by the Board of Registry of the American Society of Clinical Pathologists (ASCP).

Career Opportunities, Clinical Laboratory Scientists and Cytotechnologists work in hospital laboratories, clinics, reference and research laboratories and teaching institutions. The U.S. Bureau of Labor Statistics predicts that by the year 2005, 17% of all jobs will be health-related with 3.9 million workers needed.

Degree Requirements:

General Education Requirements:

Three courses in the area of Humanities, 3 courses in Social Sciences, 3 courses in Natural Sciences and Mathematics, an English composition course, a junior level writing course and 3 courses in Foreign Language and/or Cultural Diversity are needed to fulfill the general education requirements for the proposed degree. The following courses are strongly recommended, but not required, within the areas identified below.

Humanities

Philosophy	60 Logic & Language	3
	156 Medical Ethics	3
	Other humanity course	3

Social Sciences

Psychology	3 General Psychology	3
Sociology	10 Intro to Sociology	3
History or Pol. Science	Specific course is optional as long as it fulfills the state requirement of American or Missouri history or government	3

Natural Sciences

This requirement is met by the required courses taken in biology and/or chemistry and college algebra 9

English

English	10 Freshman Composition	3
	213 Technical Writing	3

Foreign Language and/or Cultural Diversity

Three courses 9

Degree Residency Requirement:

Each candidate must be in residence for 24 of the last 30 hours of graded credit.

Required Courses In Clinical Laboratory Science - 136 Semester Hours

13

Biology	11 Intro. Bio. I	5
	113 Anatomy & Physiology I	4
	114 Anatomy & Physiology II	4
	216 Microbiology *	3
	218 Microbiology Lab *	2
	317 Immunobiology	3

* Biology 116 and 118 may also fulfill these requirements

Chemistry	11 Intro. Chem. I	5
	12 Intro. Chem. II	5
	261 Struct. Organic Chem.	3
	262 Organic Reactions	3
	263 Tech. of Organic Chem.	2

Math	30 College Algebra	3
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Statistics	201 Psychological Statistics	4
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Nursing	115 Pathophysiology	3
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Business	103 Computers & Info. Systems	3
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Communication	30 Interpersonal or 40 Public Spkg	3
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Clinical Laboratory Science *

312a	Fund. of CLS	4
312b	Clinical Bacteriology	3
312c	Bacteriology Practicum	4
312d	Mycology	2
312e	Clinical Immunology	2
312f	Immunology Practicum	1
312g	Immunoematology	3
312h	Immunoematology Prac.	3
312i	Hematology	3
312j	Hematology Practicum	3
312k	Clinical Chemistry	4
312l	Chemistry Practicum	4
312m	Parasitology	2
312n	Leadership & Management	4
393	Research Methods	3

* Requirements in the major area as reflected by those courses now taught at Jewish Hospital College of Nursing and Allied Health (JHC)

In addition to the minimal requirements, the following courses are recommended, but not required, as basic supplements to the major area.

Biology	213 Vertebrate Physiology	2
	276 Biological Chemistry	3

Required Courses In Cytotechnology - 132 Semester Hours

14

Biology	11 Intro. Bio. I	5
	113 Anatomy & Physiology I	4
	114 Anatomy & Physiology II	4
	216 Microbiology *	3
	218 Microbiology Lab *	2
	317 Immunobiology	3
Chemistry	1 General Chemistry	3
	2 General Organic Chemistry 3	
	3 General Chemistry Laboratory	2
Math	30 College Algebra	3
Statistics	201 Psychological Statistics	4
Nursing	115 Pathophysiology	3
Home Econ.	130 Nutrition in Health	3
or Physical Education	380 Nutrition for Human Perf	3
Business	103 Computers & Info. Systems	3
Communication	30 Interpersonal or 40 Public Spkg	3

* Biology 116 and 118 may also fulfill these requirements

Cytotechnology **

309a	Intro. to Cytology	3
309b	Female Genital Tract I	4
309c	Female Genital Tract II	3
309d	The Processing Lab	2
309e	Respiratory & Oral Cyt.	3
309f	Body Fluid Cytology	3
309g	GI and GU Cytology	3
309h	Fine Needle Aspiration Cytology	4
309i	Adv. Practices in Cytology	12
309j	Leadership & Mgt.	4
393	Research Methods	3

** Requirements in the major area as reflected by those courses now taught at Jewish Hospital College of Nursing and Allied Health (JHC)

In addition to the minimal requirements, the following courses are recommended, but not required, as basic supplements to the major area.

Biology	210 Cell Structure & Function	3
	212 Histology & Micro Techs.	5

EXECUTIVE SUMMARY

PROPOSAL FOR A BACHELOR OF HEALTH SCIENCE DEGREE

The proposed Bachelor of Health Science degree (BHS) is designed to prepare students for two career areas in the Allied Health field. One is in Clinical Laboratory Science (CLS), formerly known as Medical Technology, and the other is in Cytotechnology (CT).

The proposed BHS degree combines course work taken at UM-St. Louis for the first three years with clinical experiences taken in the fourth year at Jewish Hospital College of Nursing and Allied Health (JHC) (Three plus One Curriculum).

The University already offers degree options for health related professionals in these two areas through its Bachelor of General Studies degree (BGS). The proposed BHS, however, is more accepted among health related professionals, accrediting agencies and prospective employers. The identification of the specific health science area as a part of the degree is highly preferred within the profession.

Need for the Program

Despite rising health care costs, empty hospital beds and hospital downsizing, opportunities for employment in the health services industry remain optimistic and are expected to outstrip all other employment areas. The U.S. Bureau of Labor Statistics predicts that by the year 2005, 17% of all jobs will be health-related with 3.9 million workers needed. Employment experts cite an aging population, new medical technology, increased public and private financing of health care services, and the growth of home health care as primary factors. Severe shortages of health related personnel already exist in certain fields. New federal regulations requiring more stringent credentials for medical technologists and technicians is producing a seller's market for those already highly credentialed (Peterson's Job Opportunities in Health Care 1995).

1. Clinical Laboratory Science (CLS)

The ASCP Board of Registry Newsletter of November 1992 estimated an increasing national vacancy rate of 9% to 14% for medical technologists. A regional and local shortage of clinical laboratory scientists was predicted. The Missouri Division Employment Security (1989) and the St. Louis Employment Outlook (1991) predicted a 26.5% growth rate in the St. Louis area by 1995. In addition, the clinical laboratory science profession supports the Bachelor of Health Science in CLS as the minimum education needed. Thus, the need for increasing the number of professionals in the field of clinical laboratory science is fairly evident.

2. Cytotechnology (CT)

As a result of the Clinical Laboratory Act of 1988 the demand for CTs increased dramatically in the early 1990s. The national vacancy rate for CTs was 27% in 1990 and 22% in 1992 (ASCP Board of Registry Newsletter, November 1992). Both the state of Missouri and the St. Louis area have experienced a shortage of qualified CT workers. For example, one area hospital and one reference laboratory searched for 9 to 18 months, offering a \$2,000 sign-on bonus, before hiring a CT. CTs are especially needed for routine biopsy and smear tests with the demand expected to rise almost 10% from 36.4 million in 1990 to 40.4 million by 2010. At the same time, the regulatory number of screening per cytotechnologist is now limited to a maximum of 100 per day per the CLA Act of 1988.

There are approximately 55 students presently enrolled in these two programs under the BGS aegis. Information of the availability of these programs has been, generally, by word of mouth or by unsolicited inquiry. Advertising the availability of a BHS program will probably double the number of students interested in pursuing this degree program within the next few years.

Duplication of the Program

Clinical Laboratory Science

Missouri has 12 programs: 10 are hospital-based certificate programs. Only 3 are located in the St. Louis area; a hospital-based certificate program at St. John's Hospital, a college-based program at JHC and a university-based program at St. Louis University. All of the programs are relatively small with St. John's admitting 3 - 4 students, St. Louis University admitting 5 - 6 students and JHC, the largest in the St. Louis area, admitting up to 15 students annually with the potential of expanding to 20 students. UM-Columbia which has a BHS degree in a number of health profession areas does not have one for CLS.

Cytotechnology

Opportunities for education in CT are severely limited in Missouri and the entire central Midwest region with one program in Kansas City, one in Chicago, one in Indiana and one in Arkansas. All of these programs are small with admission of less than 6 students annually.

Barnes Hospital began a School of Cytotechnology with 3 students in February 1993. The School became a collegiate program within the Jewish Hospital College of Nursing and Allied Health as of January 1994. The College now has 11 CT students. With our affiliation with JHC already in place, the proposed degree program would be the only Cytotechnology program in the state and in the greater St. Louis metropolitan area offered by a university.

Faculty Resources

All of the non-clinical courses required or recommended in the proposed program are now taught as part of the regular UM-St. Louis curriculum. These courses are taught routinely and the responsibility of teaching them is assumed by various faculty members of each department within the University. As enrollments in the program increase, two new faculty will be added to teach the science courses that are necessary as prerequisites to the clinical curriculum.

The clinical courses will be taught by the professional staff of the accredited clinical facility, i.e., JHC. The regular professional staff at the clinical facility have adjunct appointments at UM-St. Louis and are selected based on their possession of the appropriate terminal degrees and their experience and qualifications for the position.

Curriculum

The minimum number of credit hours required for the program are 136 for CLS and 132 for CT. Ninety-six hours and ninety-four hours, respectively, will be taken at UM-St. Louis and 40 and 38, respectively, at JHC.

SENATE PRC AL FORM FOR (check one): (X) NEW DEGREE PROGRA
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 (See Instructions on Reverse)

T.L.

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Page 1 of 3

ROUTING:
 Academic Affairs MT 12-23-96
 Graduate School MT 12-29-96
 (if applicable)
 Senate C&I JMA 1-4-96
 Senate _____
 Academic Affairs _____
 (effective date: _____)

DEPARTMENT OF HISTORY
 Department

Signed: [Signature] 2-23-96
 Department Chair Date

COLLEGE OF ARTS & SCIENCES
 School or College

Signed: [Signature] 2-23-96
 Date
[Signature] 2/27/96

PHD IN HISTORY

Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? (X) no () yes--list departments and secure sign-offs

Rationale for proposed new degree/minor/certificate:

Student need and to fulfill research mission of the campus and department

18

Program description for Bulletin:

DEGREE REQUIREMENTS - The Department requires a minimum of seventy-one credit hours, including thirty-nine credit hours of doctoral courses (courses numbered from History 450 through 499) beyond the baccalaureate degree or a minimum of thirty-nine credit hours of doctoral courses beyond the master's degree. A minimum of twelve hours of History 499 (Directed Readings for Doctoral Students) must be completed successfully. To ensure sufficient background for the qualifying examinations and completion of the degree, a student must take doctoral proseminars in at least two fields and at least one doctoral research seminar (total of nine credit hours). At least thirty-six of the seventy-one post-baccalaureate credit hours required for the Ph.D. must be completed in residence. Doctoral students must take a minimum of 12 credit hours (of 21 hours of non-dissertation credit) in doctoral courses offered by the St. Louis Doctoral Consortium in History. Upon being advanced to candidacy, post M.A. students must take a minimum of 12 credit hours from doctoral level courses and must complete successfully at least 18 credit hours of History 491 (Dissertation Research). Students entering the proposed program with a B.A. degree will be required to complete the current requirements for the M.A. in History degree. They must meet with the graduate committee upon completion of twenty-one hours of graduate study. At that time the students and the committee will ascertain his/her research interests and areas of specialization. The committee will assist the student in establishing specific fields for the doctoral qualifying examinations and naming an advisor, the faculty member who will direct the dissertation and organize the examination committee. The advisor and committee members will be members of the St. Louis Doctoral Consortium in History, SEN:7/88 with the exception of an external reader.

CHAIRPERSON'S HANDBOOK

07.02.03, Page 2 of 2, 5/31/90

SENATE PRC AL FORM FOR (check one): (X) NEW DEGREE PROGRA
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initials/date

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Academic Affairs DOT/2-23-96
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____
(effective date: _____)

Page 2 of 3

DEPARTMENT OF HISTORY
Department

Signed: MATB... 2-23-96
Department Chair Date

COLLEGE OF ARTS & SCIENCES
School or College

Signed: Martin Sage 2-23-96
Dean Date

PHD IN HISTORY

Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? (x) no () yes--list departments and secure sign-offs

Rationale for proposed new degree/minor/certificate:

Student need and to fulfill research mission of the campus and department

Program description for Bulletin: DEGREE REQUIREMENTS CON'T

Students entering with a master's degree will meet with the graduate committee in his/her first semester as a student. At that time, the committee will assist the student in establishing specific fields for the doctoral qualifying examination and in naming an advisor, the faculty member who will direct the dissertation and organize the examination committee. The advisor and committee members will be members of the St. Louis Doctoral Consortium in History, with the exception of an external reader.

QUALIFYING EXAMINATIONS AND DISSERTATION - A student will be advanced to candidacy for the doctorate upon the successful completion of a written examination in three fields followed by the successful completion of an oral examination in the same fields. The fields are: Europe to 1715; Europe since 1715; Latin America; China and Japan since 1800; United States to 1865; United States since 1865; Africa and the Middle East. A fourth field offered through the St. Louis Doctoral Consortium in History or a field other than history may be part of the examination at the request of the candidate and with the approval of the Department.

LANGUAGE REQUIREMENT - Demonstrated competence in two foreign languages (approved by the Department) or demonstrated

SEN:7/88

SENATE PROPOSAL FORM FOR (check one): (X) NEW DEGREE PROGRAM
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Page 3 of 3

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 Academic Affairs CAW 2-23-96
 Graduate School _____
 (if applicable) _____
 Senate C&I _____
 Senate _____
 Academic Affairs _____
 (effective date: _____)

CHAIRPERSON'S HANDBOOK

DEPARTMENT OF HISTORY
 Department

Signed: M.A. Embler 2-23-96
 Department Chair Date

COLLEGE OF ARTS & SCIENCES
 School or College

Signed: Martin Sage 2-23-96
 Dean Date

PHD IN HISTORY

Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? (X) no () yes--list departments and secure sign-offs

Rationale for proposed new degree/minor/certificate:

Student need and to fulfill research mission of the campus and department

Program description for Bulletin:

competence in one foreign language (approved by the Department) and completion of a course of study (at least two graduate courses approved by the Department) in another discipline is required before the student may schedule his/her qualifying examinations. Upon successful completion of the qualifying examinations, the student must complete a minimum of eighteen course hours of dissertation research. The degree will be awarded upon successful completion and defense of the doctoral dissertation.

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SEN: 7/88

07.02.03, Page 2 of 2, 5/31/90

EXECUTIVE SUMMARY

PROPOSAL FOR A PH.D. PROGRAM IN HISTORY

NEED FOR THE PROGRAM

The proposed PH.D. program in history is structured to meet the needs of a variety of constituencies by building on existing strengths of UMSL and Washington University as combined in the St. Louis Doctoral Consortium in History. Consequently, the program addresses a number of different but complementary audiences.

The implementation of the doctoral program will benefit the faculty and the history departments of both campuses. The faculty will have the intellectual and professional stimulation of working with doctoral students on a regular basis. The interaction between doctoral students and faculty will enhance the scholarship and research productivity of students and faculty. This would, in turn, strengthen the undergraduate and master's level programs. The opportunity to teach doctoral students is also an incentive for retention of excellent young faculty members and recruitment of high quality faculty in the future. The research support provided by UMSL has been a major asset in faculty recruitment and retention; however, there has been a problem of competing with other research universities who offer the additional stimulation of working with doctoral students. The implementation of the doctoral program in history through the Consortium provides UMSL with a valuable faculty development program at minimal cost. In addition to the intellectual stimulation and professional interaction, the doctoral program is a natural outgrowth of the Consortium, ensuring the continued existence of the private-public cooperative effort.

Four groups have been identified as potential doctoral students. The first is students who have completed or are currently enrolled in UMSL's M. A. program in history. More than 90% of these students are part-time; most have full-time employment. Many of these students are secondary school teachers who are **pursuing** the M. A. as a way of increasing professional skills, meeting the new guidelines of the Missouri Department of Elementary and Secondary Education, and obtaining increased salaries. The majority of these students have commitments that keep them in the St. Louis metropolitan area. The restrictions on their time and financial resources can only be met by a flexible public university. A doctoral program at UMSL is the only viable possibility for these prospective students to obtain a Ph.D. in history.

The second identified student group is currently employed secondary school teachers who **have obtained** master's degrees in the past and who are trying to pursue a doctoral degree. These potential students have the necessary background and ability to succeed in the program. However, they have no interest in using the doctoral degree to obtain an entry level position in higher education.

The third identified student group is current and prospective instructors in local community colleges. Since the majority of regional community college faculty have master's degrees, they would benefit by a doctoral program offered by a department that has the demonstrated ability to structure

graduate education to fit the schedules of individuals who are employed full-time.

The fourth identified student group is students who have shown an interest and aptitude for historical studies either for self-enrichment or as an adjunct to their current careers. These students show a remarkable motivation for their studies and an interest in the field of history. They have performed at a high level in a rigorous master's program and have expressed an interest in pursuing further graduate work. Some of these students wish to continue because they believe that the program will provide personal intellectual enrichment. Other students wish to continue because they believe that the program will have a direct bearing on their job advancement. Another small group wish to continue because they want an entry level position in teaching in higher education. Some of them intend to use the doctoral degree to teach at the college level. Many more of them are employed in good jobs in historical agencies (many of the staff at the Missouri Historical Society were trained at UMSL) or in positions where the research skills of a historian are useful. They understand fully the requirements of a research degree and are convinced that the course of study leading to a doctorate will benefit them in personal terms. A smaller group of prospective students are employed in positions where a research degree in history would have a direct bearing on their job advancement, e.g., historians working for federal agencies. All of these students are interested in obtaining the degree from UMSL because they are bound to the St. Louis region for personal and/or business considerations or want to study under the direction of a specific member of the UMSL History Department.

PROGRAM STRUCTURE

The Department requires a minimum of seventy-one credit hours, including thirty-nine credit hours of doctoral courses (courses numbered from History 450 through 499) beyond the baccalaureate degree or a minimum of thirty-nine credit hours of doctoral courses beyond the master's degree. A minimum of twelve hours of History 499 (Directed Readings for Doctoral Students) must be completed successfully. To ensure sufficient background for the qualifying examinations and completion of the degree, a student must take doctoral proseminars in at least two fields and at least one doctoral research seminar (total of nine credit hours).

At least thirty-six of the seventy-one post-baccalaureate credit hours required for the Ph.D. must be completed in residence.

Doctoral students must take a minimum of 12 credit hours (of 21 hours of non-dissertation credit) in doctoral courses offered by the St. Louis Doctoral Consortium in History.

Upon being advanced to candidacy, post M.A. students must take a minimum of 12 credit hours from the following doctoral level courses and must complete successfully at least 18 credit hours of History 491 (Dissertation Research).

Students entering the proposed program with a B.A. degree will be required to complete the

current requirements for the M.A. in History degree as described in the *Bulletin*.

Students entering the program with a baccalaureate degree will meet with the graduate committee upon completion of twenty-one hours of graduate study. At that time the student and the committee will ascertain his/her research interests and areas of specialization. The committee will assist the student in establishing specific fields for the doctoral qualifying examinations and naming an advisor, the faculty member who will direct the dissertation and organize the examination committee. The advisor and committee members will be members of the St. Louis Doctoral Consortium in History, with the exception of an external reader.

Students entering with a master's degree will meet with the graduate committee in his/her first semester as a student. At that time, the committee will assist the student in establishing specific fields for the doctoral qualifying examination and in naming an advisor, the faculty member who will direct the dissertation and organize the examination committee. The advisor and committee members will be members of the St. Louis Doctoral Consortium in History, with the exception of an external reader.

A student will be advanced to candidacy for the doctorate upon the successful completion of a written examination in three fields followed by the successful completion of an oral examination in the same fields. The fields are: Europe to 1715; Europe since 1715; Latin America; China and Japan since 1800; United States to 1865; United States since 1865; Africa and the Middle East. A fourth field offered through the St. Louis Doctoral Consortium in History or a field other than history may be part of the examination at the request of the candidate and with the approval of the Department.

Demonstrated competence in two foreign languages (approved by the Department) or demonstrated competence in one foreign language (approved by the Department) and completion of a course of study (at least two graduate courses approved by the Department) in another discipline is required before the student may schedule his/her qualifying examinations.

Upon successful completion of the qualifying examinations, the student must complete a minimum of eighteen course hours of dissertation research. The degree will be awarded upon successful completion and defense of the doctoral dissertation.

All students must prepare an original dissertation based upon primary sources in partial fulfillment of the Ph.D. While there is no stipulated minimum or maximum length, the Department will strongly encourage that the dissertation be no less than 200 type-written pages and no more than 400 type-written pages. The *Chicago Handbook of Style* will be the guide used in matters of style and presentation.

FACULTY RESOURCES

The Department has thirteen professors (including Chancellor Touhill and two emeritus professors who continue to teach), seven associate professors, three assistant professors, and two

lecturers. The publication records of Department members have brought them national and international acclaim, membership on editorial boards, officerships in professional organizations, and a variety of awards. During their careers at UMSL they have published nearly fifty books in addition to articles that have appeared in many of the most prestigious journals in the field.

The St. Louis Doctoral Consortium in History (UMSL-Washington University) will provide students in the UMSL Ph.D. in History program with doctoral courses taught by the nineteen regular members of the Washington University Department of History.

In addition to working with Washington University, the program builds on two other innovative cooperative programs. The first is the St. Louis Research Exchange, an arrangement by which the Missouri Historical Society and the Department of History combine faculty and research resources to encourage projects dealing with the collection of the Society and focussing on historical issues dealing with the St. Louis region. The Society provides funding to allow members of the Department to work full time on a research project. The benefits of the program go far beyond release time for the faculty member and publishable research and seminars for the Society. One of the most important aspects of the enhanced cooperation between the Society and the faculty of the Department has been the use by students of the valuable primary source collection housed in the new research facility of the Society. The collection and other resources of the Society are an important addition to the combined facilities of the two universities involved in the St. Louis Doctoral Consortium in History.

The Department of History has also established a close working relationship with the Truman Library, one of the select group of Presidential Libraries and an important repository for primary sources extending far beyond the career of Mr. Truman. Through the efforts of a member of the Department, UMSL has co-sponsored a series of international conferences with the Truman Library. Graduate students in the Department's master's program have received funding to enable them to use the resources of the Truman Library, a process which will be accelerated for the doctoral program. The administration of the Library has expressed strong interest in the establishment of a doctoral program in history at UMSL.

FINANCIAL RESOURCES NEEDED

Implementing the Ph.D. program will require no additional faculty or staff and no new program expenditures are requested in years 1 and 2.¹ As the first student initiates dissertation research in year 3 (1999), however, new program expenditures will begin. These items include six doctoral dissertation fellowships, doctoral travel funds, library support, computer funds for doctoral students engaged in dissertation research, and expense and equipment. When fully implemented in year five after the program begins, new program expenditures will total \$84,000.

¹Should an outstanding student or two be admitted in years 1 or 2 who requires financial assistance, cost dollar assistantships will be sought from the Graduate School.

SENATE PROPOSAL FORM FOR (check one):
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 NEW CERTIFICATE PROGRAM
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 Academic Affairs AKL
 Graduate School AKL 1/31/96
 (if applicable) AKL 1/22/96
 Senate C&I gma 1/4/96
 Senate _____
 Academic Affairs _____
 (effective date: _____)

Page 1 of 4

Public Policy Administration

Signed: Carol Kozfeld 2/1/96
 Department Chair Date

Department

Graduate School

Signed: [Signature] 6/11/96
 Dean Date

School or College

Graduate Certificate Program in Nonprofit Organization Management and Leadership
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? no yes--list departments and secure sign-offs

Political Science [Signature] Sociology Peter Otter 2/1/96
 Social Work [Signature] School of Business Administration

Rationale for proposed new degree/minor/certificate: Students who are currently nonprofit organization professional staff and board members, as well as those who aspire to enter the field, lack sufficient academic opportunities in learning to manage, govern, and lead nonprofit organizations. Results of an extensive survey conducted in 1993 and enrollment trends in the few credit courses currently offered in this field on campus support the need and demand for such a program. The core course (Political Science 394, etc.) has steadily grown in enrollment, with 27, 27, and 35 students in the last three semesters. The Winter '95 pilot sequence of courses, 391-A (Staff Management of Nonprofit Organizations), 391-B (Legal Issues in Managing Nonprofit Organizations) and 391-C (Financial Issues in Managing Nonprofit Organizations) yielded steadily increasing enrollment, from 391-A (11) in February to 391-C (29) in April. The 1993 metropolitan-wide survey of a large, representative sample of nonprofit organization professional staff indicated that 81% thought there was a great need or some need for the program; 80% were personally interested in taking courses; and 62.5% requested further information about potential courses. There is currently only one other graduate certificate program in this field in Missouri, at a much more expensive private university. (Also, the University of Missouri-Kansas City offers a concentration in nonprofit management among several such concentrations within its M.P.A. program. However, it is only accessible to students in that part of the state.)

At present the graduate course offerings in nonprofit management and leadership total 6 credits and are divided into four discrete courses. Establishing an eighteen semester hour program will provide students a much needed, coherent body of knowledge and skill in management, leadership and governance of nonprofit organizations.

25

SENATE PROPOSAL FORM FOR (check one): () NEW DEGREE PROGRAM
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 Senate C&I _____ /
 Senate _____ /
 Academic Affairs _____ /
 (effective date: _____)

Page 2 of 4

Public Policy Administration
 Department

Signed: _____
 Department Chair Date _____

Graduate School
 School or College

Signed: _____
 Dean Date _____

Graduate Certificate Program in Nonprofit Organization Management and Leadership
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-off

Political Science

Sociology

Social Work

School of Business Administration

Program description for Bulletin:

Through the Public Administration Program, the University offers a graduate certificate program for students who are current professional staff, board members, and other leaders of nonprofit and voluntary organizations, as well as those who wish to consider entering the field. There are only two such graduate programs in Missouri. The certificate can be taken by itself or in conjunction with the pursuit of the Master's in Public Policy Admin. or a graduate degree in another field.

A. The certificate in Nonprofit Management and Leadership requires the completion of 18 semester hours. Nine (9) of these are the following core courses:

1. Leadership and Management in Nonprofit Organizations ^(3 hours) (Political Science 394, same as Public Policy Administration 394, Sociology or Social Work 308)
2. Management Issues in Nonprofit Organizations: Staff Management Issues ^(1 hour) (Public Policy Administration and Social Work 391-A)
3. Management Issues in Nonprofit Organizations: Legal Issues in Governing and Managing Nonprofit Organizations ^(1 hour) (Public Policy Administration and Social Work 391-B)
4. Management Issues in Nonprofit Organizations: Financial Issues ^(1 hour) (Public Policy Administration and Social Work 391-C)

22

SENATE PROPOSAL FORM FOR (check one): NEW DEGREE PROGRAM
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 (effective date: _____)

Page 3 of 4

Public Policy Administration
 Department

Signed: _____
 Department Chair Date

Graduate School
 School or College

Signed: _____
 Dean Date

 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? no yes--list departments and secure sign-offs

Political Science

Sociology

Social Work

School of Business Administration

Program description for Bulletin:

5. American Philanthropy and Nonprofit Resource Development ^(3 hours) (Public Policy Admin. and Social Work)
- B. Six hours of electives are to be taken from selected courses in Accounting, Business Admin., Economics, Management, Marketing, Political Science, Psychology, Public Policy Administration, and Sociology (see attached list). A student may choose among these courses or other courses approved by the Program Director. (All Graduate electives must be at the 400 course level.)
- C. Three hours of internship is also required. Graduate students should demonstrate either a professional field experience equivalent to the internship or be required to participate. Any request for an exemption from the internship requirement must be approved by the Program Director after a review of the student's professional or managerial field experience with appropriate documentation. Students who receive an exemption must take another three (3) hours of electives from the selection in area B.

27

SENATE PROPOSAL FORM FOR (check one):
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 NEW CERTIFICATE PROGRAM
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 Graduate School _____/
 (if applicable) _____/
 Senate C&I _____/
 Senate _____/
 Academic Affairs _____/
 (effective date: _____)

Page 4 of 4

Public Policy Administration
 Department

Signed: _____
 Department Chair Date _____

Graduate School
 School or College

Signed: _____
 Dean Date _____

Graduate Certificate Program in Nonprofit Organization Management and Leadership
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-off

Political Science Sociology
 Social Work School of Business Administration

Program description for Bulletin:

D. The internship will include learning activities in management and governance processes in nonprofit organizations, as well as a seminar in which students will critically reflect on their field experience with a faculty supervisor.

Requirements of admission to the certificate program are the same as those required for admission to the Graduate School: an undergraduate degree, and a G.P.A. of 2.75 or better.

SENATE PROPOSAL FORM FOR (check one): () NEW DEGREE PROGRAM
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Page 1 of 5

ROUTING:
 Academic Affairs MA 12-7-
 Graduate School
 (if applicable) /
 Senate C&I gma 14-44
 Senate /
 Academic Affairs /
 (effective date: /)

Interdisciplinary
 Department

Signed: John E. McCluskey 11/20/95
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Sage / JR 2/6/96
 Dean Date

Undergraduate Certificate Program in Non-Profit Organization Management and Leadership
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-offs

Political Science Kevin [Signature] Sociology V. [Signature] School of Business Admin. D.R. [Signature]
 Social Work W.S. [Signature]

Rationale for proposed new degree/minor/certificate:

Students who are currently non-profit organization professional staff and board members, as well as those who aspire to enter the field, lack sufficient academic opportunities in learning to manage, govern, and lead non-profit organizations. Results of an extensive survey conducted in 1993 and enrollment trends in the few credit courses currently offered in this field on campus support the need and demand for such a program. The core course (Political Science 394, etc.) has steadily grown in enrollment, with 27, 27, and 35 students in the last three semesters. The Winter '95 pilot sequence of courses, 391-A (Staff Management of Non-Profit Organizations), 391-B (Legal Issues in Managing Non-Profit Organizations), and 391-C (Financial Issues in Managing Non-Profit Organizations) yielded steadily increasing enrollment, from 391-A (11) in February to 391-C (29) in April. The 1993 metropolitan-wide survey of a large, representative sample of non-profit organization professional staff indicated that 81% thought there was a great need or some need for the program; 80% were personally interested in taking courses; and 62.5% requested further information about potential courses. There is currently no such undergraduate certificate program or major in this field in Missouri. At present the undergraduate course offerings in non-profit management and leadership total 6 credits and are divided into four discrete courses. Establishing a 15 semester hour program will provide students a much needed, coherent body of knowledge and skill in basic management, leadership and governance of non-profit organizations.

29

SENATE PROPOSAL FORM FOR (check one): () NEW DEGREE PROGRAM
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Page 2 of 5

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 Academic Affairs MS 12-7
 Graduate School _____/_____
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 Academic Affairs _____/_____
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Interdisciplinary Signed: _____ Date _____
Department Department Chair
Arts & Sciences Signed: _____ Date _____
School or College Dean

Undergraduate Certificate Program in Non-Profit Organization Management and Leadership
Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-offs
 Political Science Sociology
 Social Work School of Business Admin.

Program description for Bulletin: The University offers an undergraduate certificate program for students who are current professional staff, board members, other leaders of non-profit and voluntary organizations, as well as those who wish to consider entering the field. It is the only such undergraduate program in Missouri.

The certificate requires the completion of 15 semester hours. Nine (9) of these hours must be the following core courses:

1. Leadership and Management of Nonprofit Organizations (Political Science 394, same as Social Work 308 and Sociology 308).
2. Management Issues in Non-Profit Organizations: Staff Management Issues (Social Work 391-A)
3. Management Issues in Non-Profit Organizations: Legal Issues in Governing and Managing Nonprofit Organizations (Social Work 391-B).
4. Management Issues in Non-Profit Organizations: Financial Issues (Social Work 391-C).
5. Sociology and Social Work: Philanthropy and Development (course number to be determined).

30

SENATE PROPOSAL FORM FOR (check one): () NEW DEGREE PROGRAM
() NEW MINOR
(x) NEW CERTIFICATE PROGRAM
(See Instructions on Reverse)

Page 3 of 5

Interdisciplinary Department _____ Signed: _____ Date _____
Department _____ Signed: _____ Date _____
Arts & Sciences School or College _____ Signed: _____ Date _____
School or College _____ Signed: _____ Date _____

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Senate _____ /
Academic Affairs _____ /
(effective date: _____)

Undergraduate Certificate Program in Non-Profit Organization Management and Leadership
Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-offs

Political Science Sociology
Social Work School of Business Admin.

Program description for Bulletin
The remaining six hours of electives can be selected from the following courses:
(or other courses approved by the director)

Business Administration:
206 Basic Marketing
210 Management and Organizational Behavior
309 Human Resource Management
311 Advanced Management and Organizational Behavior

Communications:
228 Public Relations Writing (same as English 228)
230 Small Group Communication
231 Communication in the Organization
240 Persuasive Communication
358 Communication in Public Relations

31

SENATE PROPOSAL FORM FOR (check one): () NEW DEGREE PROGRAM
 () NEW MINOR
 (x) NEW CERTIFICATE PROGRAM
 (See Instructions on Reverse)

(Do Not Write in This Space
 initials/d

ROUTING:
 Academic Affairs CDT / 1279
 Graduate School _____ / _____
 (if applicable) _____ / _____
 Senate C&I _____ / _____
 Senate _____ / _____
 Academic Affairs _____ / _____
 (effective date: _____)

Page 4 of 5

Interdisciplinary
 Department

Signed: _____
 Department Chair Date

Arts & Sciences
 School or College

Signed: _____
 Dean Date

Undergraduate Certificate Program in Non-Profit Organization Management and Leadership
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? () no (x) yes--list departments and secure sign-offs

Political Science

Sociology

Social Work

School of Business Admin.

Program Description for Bulletin

English

212 Business Writing

213 Advanced Business and Technical Writing

Political Science

342 Public Personnel Management

344 Public Budgeting

Psychology

222 Group Processes in Organization

320 Personnel Assessment

22

SENATE PROPOSAL FORM FOR (check one): NEW DEGREE PROGRAM
 NEW MINOR
 NEW CERTIFICATE PROGRAM
(See Instructions on Reverse)

(Do Not Write in This Space)
initials/

ROUTING:
Academic Affairs AKT 1027
Graduate School _____/
(if applicable) _____/
Senate C&I _____/
Senate _____/
Academic Affairs _____/
(effective date: _____)

Page 5 of 5

Interdisciplinary
Department
Arts & Sciences
School or College

Signed: _____
Department Chair **Date** _____
Signed: _____
Dean **Date** _____

Undergraduate Certificate Program in Non-Profit Organization Management and Leadership
Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this proposal? no yes--list departments and secure sign-offs
Political Science Sociology
Social Work School of Business Admin.

Program Description for Bulletin

- Social Work:
305 Intervention Strategies for Social Work with Organizations and Communities
- Sociology:
268 The Sociology of Conflict
286 Society, Arts and Popular Culture
312 Sociology of Wealth and Poverty
314 Social Change
336 Organizations and Environment

33

The Certificate will be conferred upon completion of a Bachelor's degree from the University of Missouri at St. Louis.

SENATE PROPOSAL FORM (check one)

- () CHANGE IN DEGREE REQUIREMENTS
- () CHANGE IN MINOR
- () CHANGE IN CERTIFICATE PROGRAM
- (x) CHANGE IN EMPHASIS AREA

T.C.

(Do not write in this space)		
ROUTING:	Initials	Date
Academic Affairs	CRJ	3-1-96
Graduate School (if applicable)		
Senate C & I	Jana	4-4-96
Senate		
Academic Affairs		

FROM: School of Business Administration
Department

Signed: David Loner
Department Chair

2/13/96
Date

School of Business Administration
School or College

Signed: David R. Huff
Dean

2/19/96
Date

Title: **Revisions to the Management Science Emphasis Area**

Are other departments likely to be affected by this change? (X) no () yes—list departments and secure sign-offs

Page number(s) 278-279 and year 1995 of most recent Bulletin listing.

CURRENT BULLETIN LISTING:

Management Science

Management Science involves the application of scientific principles to assist the decision-maker in making a rational and intelligent decision. Some decisions are a single choice—Shall I buy something now or later? Shall I go here or there? Other decisions involve the allocation of scarce resources such as people, money, equipment, and facilities to competing entities and can affect the success of corporations or the policies of nations. The challenge to a good decision-maker is to be able to determine what alternatives are relevant, and carry out an analysis in order to make an objective assessment of the most suitable alternative. Management Science analysts must be proficient in the use of quantitative models and computers, and have good communication skills.

PROPOSED BULLETIN LISTING:

Logistics and Operations Management

The mission of Logistics and Operations Management is to get the appropriate goods or services to the right place, at the right time, in the right quality and quantity, while making the greatest contribution to the organization. In a business environment, Logistics and Operations Management encompasses the design, implementation and management of systems for efficient deployment of personnel, physical facilities, raw-materials, in-process inventories, finished goods and related information or services. Logistics and Operations Management covers the whole supply chain, from the point of origin to the point of consumption. Logistics and Operations Management analysts must be proficient in the use of quantitative models and computers, and communicate effectively.

RATIONALE:

During the past 20 years Management Science (MS) has lost its corporate identity. MS departments have been disbanded, and their personnel moved into functional departments such as: MIS, Operations/Production, Logistics, Finance, and Marketing. On the other hand, Logistics and Operations Management have grown in importance and moved into a focal position in business organizations. Logistics and Operations Management are the functional areas most closely related to MS, and they require an intensive use of MS tools.

7E

For an emphasis in Management Science a student must complete at least four (4) courses (twelve [12] hours) to include BA 375, Operations Research, and:

One (1) course from:

BA 104 Fortran Programming, or **CS 122** Computers and Programming (CS 122 is not a business elective)

BA 109 COBOL Programming

One course from:

BA 329 Business Forecasting

BA 330 Quality Assurance in Business

BA 331 Multi variate Analysis

One course from:

BA 308A,B,C, or D Production and Operations Management

BA 385 Operations Research II

EC 365 Introduction to Econometrics

EC 366 Applied Econometrics (Neither EC 365 nor EC 366 is a business elective)

BA 295/395 Business Administration Problems/ Seminars

BA 296 Independent Study

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

For an emphasis in Logistics and Operations Management a student must complete at least four (4) courses (twelve [12] hours) from the following:

BA 306 Decision Support and Expert Systems

BA 308A,B,C, or D Production and Operations Management

BA 329 Business Forecasting

BA 330 Quality Assurance in Business

BA 331 Multi variate Analysis

BA 375 Operations Research

BA 385 Operations Research II

BA 295/395 Business Administration Problems/ Seminars

BA 296 Independent Study

***CS 125** Introduction to Computer Science

***BA 224** Managerial Applications of Object Oriented Programming I

***BA 307** Management of End-User Computing

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

*No more than one of these programming courses may be counted towards the emphasis area.

35

SENATE PROPOSAL FORM FOR (check one)

- CHANGE IN DEGREE REQUIREMENTS
- CHANGE IN MINOR
- CHANGE IN CERTIFICATE PROGRAM

T.L.

(Do Not Write in This Space)

initials/date

ROUTING:

- Academic Affairs
- Graduate School (if applicable)
- Senate C&I
- Senate
- Academic Affairs

MA / 2-26-96
MA / 2-28-96
MA / 4-4-96

Page 1 of 4

Music Department

Signed: *[Signature]*
Department Chair

10.25-95
Date

Arts and Sciences School or College

Signed: *[Signature]*
Dean

2/26/96
Date
2/22/96

Master of Music Education
Title of Degree/Minor/Certificate Program

Elementary, Early Childhood and Physical Education

[Signature] 11/15/55

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs.

Page number(s) * and year of most recent Bulletin listing. *Does not appear in the current Bulletin.

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>Admission Requirements</p> <p>Admission to the MME program will require written examinations in music education, music theory, sight-singing/ear training, and music history. Auditions in performance will complete the admission examinations. All exams will have cut-off categories: (1) admitted; (2) admitted with remedial work required; or (3) not admitted.</p> <p>Before the admission exams are taken, candidates for the program must have (1) completed a Bachelor of Music in Music Education degree (or equivalent); (2) teaching certification (or eligibility for certification); (3) a minimum of one year of teaching experience, or permission of the faculty.</p>	<p>Admission Requirements</p> <p>Admission to the MME program will require written examinations in music education, music theory, sight-singing/ear training and music history. Auditions in performance will complete the admission examinations. The submission of a video tape of the candidate teaching a primary, middle school, or secondary school class is recommended for advising purposes.</p> <p>Before the admission exams are taken, candidates for the program must have completed a Bachelor of Music in Music Education degree (or equivalent).</p>	<p>The change from 2 to 3 credit hours per class more accurately reflects the depth and breadth of the content of each course. It will also align this degree more closely with other master's degree programs on campus.</p> <p>The restructuring of the program will allow more flexibility for students and includes an emphasis in music education and technology.,</p>

96

Current <u>Bulletin</u> Listing:	Proposed <u>Bulletin</u> Listing:	Rationale:
<p>A <u>maximum</u> of 6 hours beyond the bachelor's degree may be transferred from another institution.</p> <p>Total number of credits required for graduation: 32 Credit hours which must be earned in residence: 26</p> <p>Required core music courses in the program: *201 Music Theory Review (NC) *202 Music History Review (NC) *203 Ear-Training/Sight Singing Review (NC) 411 Scoring and Arranging (2) 401 Studies in Style and Performance Practice (2) 491 Music Education Research (2) 444 Applied Music (1) 445 Applied Music (1) 446 Applied Music (1) 447 Applied Music (1) 481 Foundations of Music Education (2) 421 Advanced Conducting (2) 499 Master's Project in Music Education (2) 431 Advanced Chamber Ensemble (0) *Required when entrance exam score is below passing.</p> <p>Required music literature courses in Choral Emphasis: 402 Choral Literature (2)</p> <p>Required music literature courses in Instrumental Emphasis: (Choose one of the following.) 403 Brass Literature (2) 404 Woodwind Literature (2) 405 Percussion Literature (2) 406 String Literature (2)</p> <p>Required advanced methods courses: (Choose one of the following.) 471 General Music: A Model for Multi-faceted Musical Learning (2) 451 Advanced Instrumental Methods (2) 461 Advanced Choral Methods (2)</p>	<p>Total number of credits required for graduation: 32 Credit hours which must be earned in residence: 22</p> <p>Required Courses and Options:</p> <p>Each candidate will choose one of the following emphasis areas: Choral Music Education Instrumental Music Education General Music Education Music Education and Technology</p> <p>The minimum 32 hour program includes the following requirements:</p> <p>Major Area (9 credit hours) 481 Foundations of Music Education (3) 491 Music Education Research (3) 499 Master's Project in Music Education (3)</p> <p>Advanced Methods (3 credits from the following) 451 Advanced Instrumental Methods (3) 461 Advanced Choral Methods (3) 471 General Music: A Model for Multi-Faceted Musical Learning (3)</p> <p>Other Studies in Music (2 credit hours) *201 Music Theory Review (NC) *202 Music History Review (NC) *203 Ear-Training/Sight Singing Review (NC) *required if deficient 444 Applied Music (1) 445 Applied Music (1)</p> <p>Choose three of the following (9 credit hours) 401 Studies in Style and Performance (3) 402 Choral Literature (3) 403 Band Literature (3) 404 Orchestra Literature (3) 411 Scoring and Arranging (3) 421 Advanced Conducting (3) 375 Micro-Computer Applications in Music (3) 492 Psychology of Music (3)</p>	<p style="text-align: right; vertical-align: middle;">37</p>

Current <u>Bulletin</u> Listing:	Proposed <u>Bulletin</u> Listing:	Rationale:
<p>Required cognate courses in Education:</p> <p>Ed Fnd 421 Philosophy of Education (3)</p> <p>Choose one of the following:</p> <p>Sec Ed 415 The Secondary School Curriculum (3) Ele Ed 422 Curriculum Construction in Elem Schools (3)</p> <p>Choose one of the following:</p> <p>Sec Ed 425 Secondary School Supervision (3) Ele Ed 425 Elementary School Supervision (3) Evl Ms 331 Classroom Evaluation I (3) Ed S&R 427 Educational Statistics (3)</p> <p>Electives</p> <p>Choose 7-9 hours of electives from the following list:</p> <p>301 Marching Band Techniques (2) 375 Micro Computer Applications in Music (2) 376 Micro Computer-Assisted Instruction: Curriculum Development in Music (2) 402 Choral Literature (2) 403 Brass Literature (2) 404 Woodwind Literature (2) 405 Percussion Literature (2) 406 String Literature (2) 407 Techniques and Literature for the Jazz Ensemble (2) 412 Advanced Techniques of Composition (2) 413 Teaching Music Theory in the High School (2) 451 Advanced Instrumental Methods (2) 452 Instrumental Music Administration (2) 461 Advanced Choral Methods (2) 465 Music Theater in the School (2)</p>	<p>Cognate in Education</p> <p>Choose one curriculum course (3 credit hours)</p> <p>Sec Ed 415 The Secondary School Curriculum (3) Ele Ed 422 Curriculum Construction in Elem Schools (3)</p> <p>Choose one other education course (3 credit hours)</p> <p>Ed Rem320 Classroom Testing and Measurement (3) Ed Fnd 421 Philosophy of Education (3) Sec Ed 425 Secondary School Supervision (3) Ele Ed 425 Elementary School Supervision (3) Ed Rem 330 Educational Statistics (3) Ed Rem 431 Educational Research Methods (3)</p> <p>Electives</p> <p>Choose one elective course (3 credit hours)</p> <p>301 Marching Band Techniques (3) 375 Micro Computer Applications in Music (3) 376 Micro Computer-Assisted Instruction: Curriculum Development in Music (3) 377 Advanced Micro Computer Applications in Music (3) 401 Studies in Style and Performance (3) 402 Choral Literature (3) 403 Band Literature (3) 404 Orchestra Literature (3) 407 Techniques and Literature for the Jazz Ensemble (3) 411 Scoring and Arranging (3) 412 Advanced Composition Techniques (3) 413 Teaching Music Theory in the High School (3) 421 Advanced Conducting (3) 431 Advanced Chamber Ensemble (0) 446 Applied Music (1) 447 Applied Music (1) 451 Advanced Instrumental Methods (3) 452 Instrumental Music Administration (3) 461 Advanced Choral Methods (3) 462 Guitar in the Classroom (3) 465 Music Theater in the School (3)</p>	<p>The changes shown align this degree more closely with other Master's Degree programs on campus.</p> <p style="text-align: right;">88</p>

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>Electives (continued)</p> <p>471 General Music: A Model for Multi-Faceted Musical Learning (2)</p> <p>472 Electronic Music Techniques for Teachers (2)</p> <p>473 Individualizing Music Instruction (2)</p> <p>474 Techniques of Group Keyboard Instruction (2)</p> <p>482 School Music Administration and Supervision (2)</p> <p>483 Contemporary Music Education (2)</p> <p>484 Problems of Urban Music Education (2)</p> <p>492 Psychology of Music (2)</p> <p>495 Special Problems in Music Education (2)</p> <p>Sec Ed 340 Selection and Utilization of Educational Media (3)</p> <p>Ele Ed 410 Foundations of Pre-School Education (3)</p> <p>Ed Adm 411 Theory and Organizational Development in Education Administration (3)</p> <p>Ed Psy 412 Psychology of Exceptional Children (3)</p> <p>Sec Ed 418 The Junior High/Middle School (3)</p> <p>Sec Ed 427 Supervision of Clinical Experiences in Teacher Education (3)</p> <p>Sec Ed 429 The Department Head (3)</p> <p>Ed S&R 430 Research Design for Education (3)</p>	<p>Electives (continued)</p> <p>471 General Music: A Model for Multi-Faceted Musical Learning (3)</p> <p>472 Electronic Music Techniques for Teachers (3)</p> <p>473 Individualizing Music Instruction (3)</p> <p>474 Techniques of Group Keyboard Instruction (3)</p> <p>482 School Music Administration and Supervision (3)</p> <p>483 Contemporary Music Education (3)</p> <p>484 Problems of Urban Music Education (3)</p> <p>492 Psychology of Music (3)</p> <p>495 Special Problems in Music Education (1-3)</p> <p>Ed Tec 340 Selection and Utilization of Educational Media (3)</p> <p>Ech Ed 412 Foundations of Early Childhood Education</p> <p>Spc Ed 412 Psychology of Exceptional Children (3)</p> <p>Sec Ed 414 Teaching the Gifted/Talented in the Secondary School (3)</p> <p>Sec Ed 418 The Junior High/Middle School (3)</p> <p>Sec Ed 427 Supervision of Clinical Experiences in Teacher Education (3)</p> <p>Sec Ed 429 The Department Head (3)</p> <p>Ed Rem 431 Educational Research Methods I (3)</p>	

SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
 (See Instructions on Reverse)

T.L. (Do Not Write in This Space) initials/date

Page 1 of 5

Master's in Public Policy Administration
 Department

Signed: Craig W. Koppell 1/31/96
 Department/Chair Date

Graduate School
 School or College

Signed: _____ Date _____
 Dean

ROUTING:
 Academic Affairs DM 2/5/96
 Graduate School (if applicable) DM 2/22/96
 Senate C&I gma 1/4/96
 Senate _____
 Academic Affairs _____

PUBLIC POLICY ADMINISTRATION MASTER'S PROGRAM
 Title of Degree/Minor/Certificate Program

Political Science
 Chair: Dr. G. Gold Date: 1/31/96

Are other departments likely to be affected by this change? () no (x) yes -- list departments and secure sign-offs
 SOCIOLOGY SOCIAL WORK BUSINESS ADMIN.
 Chair: George J. McLeod Date: 2/1/96 Chair: MS Kess Date: 1/31/96 Dean: Handwritten Date: 2/2/96

Page number(s) 358-359 and year 1995-96 of most recent Bulletin listing.

Current Bulletin listing: _____ Proposed Bulletin listing: _____ Rationale: _____

Individualized Policy Emphasis Area - (15 hours)
 Prior to completion of 15 hours in the MPPA program, the student must present a proposal of specific course work for 15 credit hours of optional electives for approval by the MPPA faculty. No more than 9 hours in a given area (e.g., Financial Administration, Health Policy, Criminal Justice Policy, Urban Policy) may be applied toward degree requirements. The fifteen hours may include Public Policy Administration 495 (Internship) for up to 6 hours.

Individualized Policy Emphasis Area - (15 hours)
 Prior to completion of 15 hours in the MPPA program, the student must present a proposal of specific course work for 15 credit hours of optional electives for approval by the MPPA faculty. No more than 9 hours in a given area (e.g., Financial Administration, Health Policy, Criminal Justice Policy, Urban Policy) may be applied toward degree requirements. The fifteen hours may include Public Policy Administration 495 (Internship) for up to 6 hours.

Nonprofit Organization Management Focus Area
 a) Required Courses (9 hours)

The proposed change will create a fifth focus area within the MPPA curriculum while retaining the required core curriculum which supplies students with training in the topics key to public administration. The focus area in nonprofit management will allow students who are either beginning careers or are mid-career to obtain specialized training in the nonprofit arena. Because the nonprofit sector is expanding rapidly, the addition of this focus area enhances our ability to attract students.

Internships
 There currently exists a need for _____
 Public Policy Administration 391-A, Management Issues in Non-Profit Organizations: Staff Management Issues (1)

SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
 (See Instructions on Reverse)

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 initials/date
 ROUTING:
 Academic Affairs AM 12.5.90
 Graduate School _____
 (if applicable) _____
 Senate C&I _____
 Senate _____
 Academic Affairs _____

Page 2 of 5

Department _____ Signed: Department Chair _____ Date _____

School or College _____ Signed: Dean _____ Date _____

PUBLIC POLICY ADMINISTRATION MASTER'S PROGRAM
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs

Page number(s) _____ and year _____ of most recent Bulletin listing.

Current Bulletin listing: _____ Proposed Bulletin listing: _____ Rationale: _____

well-trained policy administrators and analysts. Frequent contact is maintained with public practitioners and public officials in the St. Louis metropolitan area, providing valuable input for program development, creation of a wide variety of internship possibilities, and assistance with a vigorous placement program for MPPA graduates. Interns may be placed in planning agencies, city managers' offices, administrative departments, or budgeting offices.

MPPA students employed in public agencies may receive up to six hours of credit for internships in those agencies. To do so, students must

Public Policy Administration 391-B, Management Issues in Non-Profit Organizations: Legal Issues in Governing and Non-Profit Organizations (1)

Public Policy Administration 391-C, Management Issues in Non-Profit Organizations: Financial Issues (1)

Public Policy Administration 394, Leadership and Management in Nonprofit Organizations (3)

Public Policy Administration 396, American Philanthropy and Non-Profit Resource Development (3)

b) Optional Electives (6 hours)

Public Policy Administration 495, Internship (up to 6 hours)

Public Policy Administration 449, Human Resources in the Public Sector (3)

17

SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
 (See Instructions on Reverse)

(Do Not Write in This Space)
 initials/date

ROUTING:
 Academic Affairs AM 12-5-96
 Graduate School _____
 (if applicable) _____
 Senate C&I _____
 Senate _____
 Academic Affairs _____

Page 3 of 5

Department _____ Signed: _____ Department Chair _____ Date _____

School or College _____ Signed: _____ Dean _____ Date _____

PUBLIC POLICY ADMINISTRATION MASTER'S PROGRAM
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs

Page number(s) _____ and year _____ of most recent Bulletin listing.

Current Bulletin listing: _____ Proposed Bulletin listing: _____ Rationale: _____

develop, in consultation with their advisers, special research projects outside the scope of their regular employment duties. Credit is granted after successful completion of the project and a written paper at the end of the semester.

Career Outlook
 The current outlook for graduates of the interdisciplinary Master's Degree in Public Policy Administration program is quite promising. Recent graduates of this program have found careers as budget analysts, personnel analysts, transportation planners, and human resources planners with local,

- **Sociology 424**, Conflict Management in Organizations (3)
- **Sociology 426**, Community and Regional Conflict Intervention (3)
- **Sociology 430**, Policy Mediation Processes (3)
- **Sociology 444**, Social Policy and Community Planning (3)
- **Business Administration 343**, Accounting for Governmental and Nonprofit Entities (3)
- **Business Administration 405**, Managerial Communication (3)
- **Business Administration 410**, Managerial Economic Analysis (3)
- **Business Administration 412**, Public Policies Toward Business (3)
- **Business Administration, Mkt. 470**, Contemporary Marketing Concepts (3)
- **Psychology 412**, Social Psychology (3)

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SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
(See Instructions on Reverse)

(Do Not Write in This Space)
initials/date

Page 4 of 5

ROUTING:
Academic Affairs MS 12-5-90
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Department _____ Signed: _____ Department Chair _____ Date _____

School or College _____ Signed: _____ Dean _____ Date _____

PUBLIC POLICY ADMINISTRATION MASTER'S PROGRAM
Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs

Page number(s) _____ and year _____ of most recent Bulletin listing.

Current Bulletin listing: _____ Proposed Bulletin listing: _____ Rationale: _____

regional, state, and federal agencies.

Internships

There currently exists a need for well-trained policy administrators and analysts. Frequent contact is maintained with public practitioners and public officials in the St. Louis metropolitan area, providing valuable input for program development, creation of a wide vigorous placement program for MPPA graduates. Interns may be placed in planning agencies, city managers' offices, administrative departments, or budgeting offices.

MPPA students employed in public agencies may receive up to six hours of credit for internships in those agencies. To do so, students must develop, in consultation with their advisers, special research projects outside the scope of their regular employment duties. Credit is granted after successful completion of the project and a written paper at the end of the

43

SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
(See Instructions on Reverse)

(Do Not Write in This Space)
initials/date

ROUTING:
Academic Affairs MAI/2-5-96
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Page 5 of 5

Department _____

Signed: _____
Department Chair Date

School or College _____

Signed: _____
Dean Date

PUBLIC POLICY ADMINISTRATION MASTER'S PROGRAM
Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs

Page number(s) _____ and year _____ of most recent Bulletin listing.

Current Bulletin listing: _____

Proposed Bulletin listing: _____

Rationale: _____

_____ semester.

_____ **Career Outlook**

_____ The current outlook for graduates of the inter-
_____ disciplinary Master's Degree in Public Policy
_____ Administration program is quite promising.
_____ Recent graduates of this program have found
_____ careers as budget analysts, personnel analysts,
_____ transportation planners, and human resources
_____ planners with local, regional, state, and
_____ federal agencies.

TH

SENATE PROPOSAL FORM FOR (check one):

- CHANGE IN DEGREE REQUIREMENTS
- CHANGE IN MINOR
- CHANGE IN CERTIFICATE PROGRAM

(Do Not Write in This Space)

ROUTING:	Initials / Date
Academic Affairs	SAT 3-1-96
Graduate School (if applicable)	
Senate C & I	gma 4-4-96
Reported to Senate	
Academic Affairs	

FROM: School of Business Administration Signed: _____
Department Department Chair

Date

FROM: School of Business Administration Signed: Deane F. Gary
School or College Dean

2/19/96
Date

Title: Revision to the School of Business Administration degree requirements

Are other departments likely to be affected by this change? no yes—list departments and secure sign-offs

Page number(s) 274-280 and year 1995/96 of most recent Bulletin listing.

Current Bulletin listing:

The University of Missouri - St. Louis School of Business Administration was established in 1967, and was accredited by the American Assembly of Collegiate Schools of Business (AACSB) six years later—the shortest time on record for any school to receive accreditation of its business program. The AACSB is the only nationally recognized accrediting agency for business and accounting programs. Of some 1,200 business schools nationally, only about 300 are accredited by the AACSB. In 1995 the School of Business Administration received reaccreditation of its business programs, both undergraduate and graduate.

Proposed Bulletin listing:

The University of Missouri - St. Louis School of Business Administration was established in 1967, and was accredited by the American Assembly of Collegiate Schools of Business (AACSB) six years later—the shortest time on record for any school to receive accreditation of its business program. The AACSB is the only nationally recognized accrediting agency for business and accounting programs. Of some 1,200 business schools nationally, only about 300 are accredited by the AACSB. In 1995 the School of Business Administration received reaccreditation of its business programs and initial accreditation of its accounting programs, both undergraduate and graduate.

Rationale:

editorial addition

no change

The mission of the School reflects the traditional academic activities of teaching, research, and service. Within the resource and strategic constraints placed on the School by the campus and the system, the School seeks to:

provide students with a high quality business education that prepares them to become productive contributors and leaders in both private and public sector organizations;

no change

conduct research, the results of which extend and expand existing levels of knowledge and understanding relating to the operation, administration, and social responsibilities of enterprises in both the private and public sectors;

no change

HS

serve the university, the citizens of Missouri, and the St. Louis business community through useful outreach programs and through effective interactions with the School's faculty and staff.

no change

At the undergraduate level, the School of Business Administration offers the Bachelor of Science in Business Administration (BSBA) degree with emphases in accounting, finance, management and organizational behavior, management information systems, management science, and marketing; or an individual may earn the BSBA degree with no emphasis. At the graduate level, the School offers the Master of Business Administration (MBA), Master of Accounting (MAcc) and Master of Science in Management Information Systems (MS in MIS) degrees. Several specialized certificate programs are also available.

At the undergraduate level, the School of Business Administration offers the Bachelor of Science in Business Administration (BSBA) degree with emphases in accounting, finance, logistics and operations management, management and organizational behavior, management information systems, and marketing; or an individual may earn the BSBA degree with no emphasis. At the graduate level, the School offers the Master of Business Administration (MBA), Master of Accounting (MAcc) and Master of Science in Management Information Systems (MS in MIS) degrees. Several specialized certificate programs are also available.

Emphasis area name change; CBHE approval forthcoming.

Our diverse faculty, including forty doctorally qualified, full-time members, have degrees from thirty different Ph.D. degree-granting institutions, assuring students exposure to various management theories and educational approaches.

no change

In addition to the undergraduate and graduate degree programs mentioned above, the School supports three additional operations: a continuing education unit; an applied research center; and a community service research center. More information about these operations is available from the School.

no change

Undergraduate Studies

Undergraduate Studies

Admission to the School of Business Administration

Admission to the School of Business Administration

The school offers a two-year, junior/senior-level program. Admission prerequisites are:

no change

1) At least a 2.0 overall grade point average for all work attempted within the University of Missouri system.

1) At least a 2.0 campus grade point average for all work attempted at the University of Missouri-St. Louis.

All g.p.a. references to focus on campus vs. overall.

2) A minimum of 60 total credit hours. Normally, the following introductory courses are included within the 60 hours:

2) A minimum of 60 total credit hours. Normally, the following introductory courses are included within the 60 hours:

Business Administration 103, Computers and Information Systems
Business Administration 131, Business Statistics
Business Administration 140, Fundamentals of Financial Accounting
Business Administration 145, Managerial Accounting
Business Administration 156, Legal Environment of Business
Economics 51, Principles of Microeconomics
Economics 52, Principles of Macroeconomics

Business Administration 103, Computers and Information Systems
Business Administration 140, Fundamentals of Financial Accounting
Business Administration 145, Managerial Accounting
Business Administration 156, Legal Environment of Business
Economics 51, Principles of Microeconomics
Economics 52, Principles of Macroeconomics

Business Administration 131 has been moved to 200 level (BA 250)

Transfer Students

Transfer students must meet all admission requirements; students failing to do so may be accepted for admission to the University but not directly to the School of Business Administration. Students transferring to UM-St. Louis are expected to take most of their specific business work during their junior and senior years. Business courses which are offered at the freshman or sophomore level and

no change

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which are transferred in lieu of those offered at UM-St. Louis at the 200 level or above must be validated. Validation is determined by the appropriate discipline and may include:

- 1) Passing an approved 200-level or above course in that area with a grade of C- or better
- or
- 2) Passing a proficiency examination.

Business students must complete 48-60 hours in business for the BSBA degree. At least half of the 48-60 business hours must be completed in residence at UM-St. Louis on a regular graded basis. Students must also complete no fewer than sixty (60) hours (business and non-business) at an accredited baccalaureate degree granting institution and must meet the School's residency requirement.

no change

Degree Requirements

General Education Requirements

All undergraduate business administration majors must complete the general education requirements of both the University and the School of Business Administration. The School's general education requirements are in keeping with those of the University. Many of the courses needed to complete the School's degree requirements, as outlined below, may be taken to fulfill the University's general education requirements.

no change

General Degree Requirements

All undergraduate business administration majors must complete the specific non-business courses which are business degree requirements. To satisfy the BSBA general degree requirements, the following pre-business administration requirements must be met:

no change

1) Demonstration of basic skills in written communication by a minimum grade of C- in English 10, English Composition. For more information refer to the University General Education Requirements.

no change

2) Students wishing to complete a degree at UM-St. Louis must complete a junior-level English requirement with a grade of C- or better.

no change

3) Three courses in the humanities, to be chosen from selected offerings in art, English, music, philosophy and communication (applied courses do not count). See the Office of Undergraduate Academic Advising for a detailed listing of courses which fulfill this requirement.

3) Three courses in the humanities, to be chosen from selected offerings in art, English, music, philosophy and communication (applied courses do not count). See the Office of Undergraduate Academic Advising or the World Wide Web for a detailed listing of courses which fulfill this requirement.

Reference to availability of data on the web.

4) Five courses in social science, to include:
Economics 51, Principles of Microeconomics and Economics 52, Principles of Macroeconomics; one course which meets the state requirement (see the University General Education Requirements); and two additional courses.

no change

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5) Three courses in mathematics and science which must include: a minimum proficiency in Mathematics 101, Survey Calculus, and Mathematics 103, Matrix Algebra and Probability Theory, and at least one lecture course in either a biological or physical science. (Note: Mathematics 30, College Algebra, is a prerequisite to Mathematics 101; also students planning to pursue a more in depth knowledge of calculus should take Mathematics 80 in lieu of Mathematics 101).

5) Three courses in mathematics and science which must include: a minimum proficiency in Mathematics 100, Basic Calculus, and Mathematics 105, Basic Probability and Statistics, and at least one lecture course in either a biological or physical science. (Note: Mathematics 30, College Algebra, is a prerequisite to Mathematics 100 and Mathematics 105; also students planning to pursue a more in depth knowledge of calculus should take Mathematics 80 in lieu of Mathematics 100). [MT 100 and MT 105 are offered by way of Dean's approval; official approval is pending passage by the College of Arts and Sciences and by the Senate Committee for Curriculum and Instruction].

Math requirements have been changed--8 hours to 6 hours

6) Global Awareness Requirement:

6) Global Awareness Requirement (9 hours):

The quantitative/language options, formerly required, have been eliminated.

Mathematics Option Students - 9 hours;
Foreign Language Option Students - 6 hours

A. Cultural Diversity Requirement: to expose students to a culture radically different from their own and to enhance their sensitivity to and awareness of cross-cultural differences, the School of Business Administration requires that students complete a three-hour course which focuses upon aspects of a culture and not upon the interactions of that culture with Euro-American cultures. This requirement may be met by one of the courses listed in the College of Arts and Sciences General Information.

no change

B. International Studies: Graduates will work and live in an interdependent world; they will be part of a global economy and will work in an increasingly competitive global marketplace. Success in this changing environment requires knowledge and understanding of the international system, the global economy and other global issues. Towards meeting that objective the School of Business Administration requires that:

B. International Studies: Graduates will work and live in an interdependent world; they will be part of a global economy and will work in an increasingly competitive global marketplace. Success in this changing environment requires knowledge and understanding of the international system, the global economy and other global issues. Towards meeting that objective the School of Business Administration requires that:

no change

i. Mathematics option students complete two three-hour courses in international studies. These courses are upper division courses, and will ordinarily be completed in the junior or senior year; at least one of the courses must be taken in the College of Arts and Sciences. A list* of the courses that satisfy this requirement is available in the School of Business Administration Undergraduate Academic Advising Office.

Students complete two three-hour courses in international studies. These courses are upper division courses, and will ordinarily be completed in the junior or senior year; at least one of the courses must be taken in the College of Arts and Sciences. A list* of the courses that satisfy this requirement is available in the School of Business Administration Undergraduate Academic Advising Office.

Consequence of elimination of quantitative/language options.

ii. Foreign language option students complete one three-hour course in international studies. This course will be an upper division course and will ordinarily be taken in the junior or senior year. A list* of the courses that satisfy this requirement is available in the School of Business Administration Undergraduate Academic Advising Office.

Students who elect to take 13 hours in one foreign language may use the third course in the sequence in partial fulfillment of this requirement.

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*This list will be updated periodically by the Undergraduate Studies Committee with the advice of the Director of the Center for International Studies. Check with your advisor for the most up-to-date list of courses that will satisfy these requirements.

*This list will be updated periodically by the Undergraduate Studies Committee with the advice of the Director of the Center for International Studies. Check with your advisor for the most up-to-date list of courses that will satisfy these requirements.

no change

Language and Mathematics Option

In addition to the above, degree candidates must complete one of the following options:

Delete—required language and mathematics option eliminated.

1) Thirteen hours in one foreign language. (These are counted as approved electives since they do not meet any specific general education requirements.)

or

2) One quantitative course from the following:

Business Administration 308, Production and Operations Management

Business Administration 329, Business Forecasting

Business Administration 330, Quality Assurance in Business

Business Administration 331, Multivariate Analysis

Business Administration 375, Operations Research

Economics 365, Introduction to Econometrics

School of Business Administration Core Degree Requirements

Candidates for the Bachelor of Science in Business Administration degree must complete the following business administration core courses:

103, Computers and Information Systems

131, Business Statistics

140, Fundamentals of Financial Accounting

145, Managerial Accounting

156, Legal Environment of Business

*202, Introduction to Operations Management

*204, Financial Management

*206, Basic Marketing

*210, Management and Organizational Behavior

*390, Business Assessment Testing

*391, Strategic Management (seminar)

School of Business Administration Core Degree Requirements

Candidates for the Bachelor of Science in Business Administration degree must complete the following business administration core courses:

103, Computers and Information Systems

140, Fundamentals of Financial Accounting

145, Managerial Accounting

156, Legal Environment of Business

*204, Financial Management

*206, Basic Marketing

*210, Management and Organizational Behavior

*250, Business Statistics

*252, Introduction to Operations Management

*390, Business Assessment Testing

*391, Strategic Management (seminar)

Course listings reflect changes: BA 131 now BA 250; BA 202 now BA 252.

Students must earn a minimum grade of "C-" in each course included in the thirty (30) hour business core except: Business Administration 391, Strategic Management; and Business Administration 390, Business Assessment Testing. A grade of "satisfactory" is required in Business Assessment Testing.

Students must earn a minimum grade of "C-" in each course included in the thirty (30) hour business core except: Business Administration 391, Strategic Management; and Business Administration 390, Business Assessment Testing. A grade of "satisfactory" is required in Business Assessment Testing. Also to be admitted to BA 391, Strategic Management, all other core courses must be completed (except BA 390) with a passing grade.

Change in eligibility for capstone course—a passing grade in each business core course.

School of Business Administration Degree Requirements

All students who pursue the Bachelor of Science in Business Administration (BSBA) degree are required to complete a minimum of 33 hours in business courses at the junior/senior level (UM-St. Louis courses numbered 200 and above). Fifteen (15) of these

School of Business Administration Degree Requirements

All students who pursue the Bachelor of Science in Business Administration (BSBA) degree are required to complete a minimum of 36 hours in business courses at the junior/senior level (UM-St. Louis courses numbered 200 and above). Eighteen (18) of these

Changed from 33 to 36 hours as a result of renumbering Business Statistics from BA 131 to BA 250.

67

hours are business core courses (those with an asterisk, above) and eighteen (18) hours are business electives.

Transfer courses used to partially fulfill this requirement must be from four year accredited schools and must be restricted to junior/senior level students at those schools. Business courses taken in the freshman/sophomore year at any accredited school may be granted transfer credit, but the credit will not be included within the thirty-three hours required at the junior/senior level. If the freshman/sophomore transfer course in business appears to be similar to a junior/senior level business course at UM-St. Louis, one may request to validate the transfer course. Successful validation will result in a waiver from the need to take the validated course at UM-St. Louis but the transfer credit will not be counted at UM-St. Louis as part of the minimum thirty-three (33) hours required at the junior/senior level.

Graduation Requirements

The degree program requires a minimum of 48 hours in business administration courses, a minimum of 72 hours in business administration and approved electives combined, and a minimum of 120 hours for all coursework.

The student must earn a minimum grade point average of 2.0 overall and a minimum grade point average of 2.0 for all business courses attempted. All grades from within the University of Missouri system are computed in the GPA. Grade modification cannot be used for calculating the business grade point average.

Time Limitations on Courses

Business Administration is a continually changing field, so courses taken many years before graduation may no longer reflect current needs, business practices, or regulations. In addition, students must be competent in prerequisite material to benefit fully from subsequent

hours are business core courses (those with an asterisk, above) and eighteen (18) hours are business electives.

Transfer courses used to partially fulfill this requirement must be from four year accredited schools and must be restricted to junior/senior level students at those schools. Business courses taken in the freshman/sophomore year at any accredited school may be granted transfer credit, but the credit will not be included within the thirty-six hours required at the junior/senior level. If the freshman/sophomore transfer course in business appears to be similar to a junior/senior level business course at UM-St. Louis, one may request to validate the transfer course. Successful validation will result in a waiver from the need to take the validated course at UM-St. Louis but the transfer credit will not be counted at UM-St. Louis as part of the minimum thirty-six (36) hours required at the junior/senior level.

Approved Electives

In addition to the above, students must complete a minimum of 24 hours of approved electives. A list of the approved electives is available in the Undergraduate Advising Office of the School of Business Administration. Courses that are not on this list (free electives) may not be used as approved electives, except with the approval of the School's Undergraduate Studies Committee. Free electives are placed on a student's transcript but do not count toward the 120 required hours for the BSBA degree. At least 12 hours of approved electives must be taken outside the School of Business Administration; the remaining may be earned within the School. A minimum of 60 hours must be taken in non-business administration course work.

Graduation Requirements

The degree program requires a minimum of 48 hours in business administration courses, a minimum of 72 hours in business administration and approved electives combined, and a minimum of 120 hours for all coursework.

The student must earn a minimum campus grade point average of 2.0 and a minimum grade point average of 2.0 for all business courses attempted at UM-St. Louis. Grade modification cannot be used for calculating the business grade point average.

School of Business Administration Residency Requirement

Business administration students must take their last 30 hours at the University of Missouri-St. Louis. Exceptions to this residency requirement would have to be approved by the School's Undergraduate Studies Committee.

no change

Overall g.p.a. reference changed to campus g.p.a

no change

Delete

courses. Therefore, the School of Business Administration has adopted the following time limitation policies.

- 1. All business courses used to satisfy degree requirements must be completed no more than 10 years before graduation.
- 2. No course may be used to satisfy a prerequisite for a business course if it was completed more than 10 years earlier.

In many cases a student will have kept knowledge up-to-date by additional course work or by professional experience. In these cases, the Undergraduate Studies Committee will frequently waive this time limitation for some or for all courses.

Students are encouraged to consult an advisor in the School of Business Administration to initiate a review of courses exceeding these time limits.

Limitation on Discipline Concentration

While a certain level of concentration in one of the various business fields is desirable, students should not concentrate their course selection to the extent of limiting their career flexibility. Therefore, no more than 15 hours beyond required core courses are allowed in any discipline, with the exception of management information systems and accounting, in which 24 hours beyond the required core courses are allowed. The combined hours in business and economics courses may not exceed 78 within the 120-hour program.

Emphasis Areas

An emphasis area is not required within the BSBA degree program. Students who choose an emphasis must fulfill the general and specific requirements set forth below. An emphasis area will be noted on the student's permanent record card (transcript)—not the diploma—upon completion of the emphasis area and the BSBA degree requirements. NOTE: An emphasis area may be added to the permanent record card for up to two years following graduation. Courses taken after graduation which are to be applied toward an emphasis area must be taken in residence at UM - St. Louis.

General Requirements

Limitation on Discipline Concentration

While a certain level of concentration in one of the various business fields is desirable, students should not concentrate their course selection to the extent of limiting their career flexibility. No more than 24 hours beyond required core courses are allowed in any business discipline—accounting, finance, logistics and operations management, management and organizational behavior, management information systems, and marketing. The combined hours in business and economics courses may not exceed 78 within the 120-hour program.

Emphasis Areas

An emphasis area is not required within the BSBA degree program. Students who choose an emphasis must fulfill the general and specific requirements set forth below. An emphasis area will be noted on the student's permanent record card (transcript)—not the diploma—upon completion of the emphasis area and the BSBA degree requirements. NOTE: An emphasis area designation may be added to the permanent record card for up to two years following graduation. Courses taken after graduation which are to be applied toward an emphasis area must be taken in residence at UM - St. Louis.

General Requirements

- All BSBA degree requirements must be satisfied including completion of the ten business core courses required of all persons.
- A minimum of eighteen (18) hours of business electives beyond the business core are also required for all BSBA degree seeking students. Business courses in fulfillment of a particular emphasis area would be counted among these 18 hours.

Number of allowable hours in each area of business uniformly defined not to exceed 24. Emphasis area name change.

editorial correction

no change

no change

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A student must earn a grade of C- or better in all business and non-business courses applied to the emphasis area. Additionally, a minimum of a 2.00 GPA is required in both the business and emphasis area coursework. (Non-business courses required for an emphasis area are not averaged into either the business or the emphasis area GPA.)

A student must earn a grade of C- or better in all business and non-business courses applied to the emphasis area. Additionally, a campus minimum GPA of 2.00 is required in both the business and emphasis area coursework. (Non-business courses required for an emphasis area are not averaged into either the business or the emphasis area GPA.)

Reference to campus g.p.a. vs. overall.

Each emphasis area has a residency requirement—a minimum number of business hours beyond the business core which must be taken at UM - St. Louis:

The satisfactory/unsatisfactory option (see section following emphasis areas) may not be used for courses included in an emphasis area.

no change

Each emphasis area has a residency requirement—a minimum number of business hours beyond the business core which must be taken at UM - St. Louis:

Finance, Management and Organizational Behavior, Management Science and Marketing—six (6) hours; Accounting and Management Information Systems—nine (9) hours.

Finance, Logistics and Operations Management, Management and Organizational Behavior, and Marketing—six (6) hours; Accounting and Management Information Systems—nine (9) hours.

Emphasis area name change (previously noted).

Hours transferred from four-year accredited institutions require UMSL area approval to satisfy emphasis area requirements. Transferred independent study courses will not fulfill emphasis area requirements.

no change

The specific requirements for an emphasis area for a given individual will be those requirements in effect at the time of completion (with a passing grade) of the first course in the emphasis area beyond the business core courses.

no change

No more than thirty (30) hours of business electives (sixty [60] business hours in total) may be applied toward the minimum of 120 hours required for the BSBA degree.

no change

No more than fifteen (15) hours beyond the required business core courses may be taken in any area except in accounting and management information systems where up to 24 hours may be taken.

No more than 24 hours beyond the required business core courses may be taken in any area.

Restatement of maximum allowable hours.

Various experimental courses and independent study courses may be offered under the BA 295, BA 296 and BA 395 numbers. The first such course taken in a given area will not count against the limit of courses in that area; any additional experimental and independent study courses will count against the limitations outlined in the previous paragraph.

no change

Specific Requirements

Specific Requirements

Accounting

Accounting

Accounting focuses on analyzing and measuring business activity, processing that data into reports, and communicating the information to decision makers. The successful accounting professional needs to acquire the education and skills necessary to fulfill these roles in

no change

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whatever area of accounting he or she enters. Excellent skills in mathematics are necessary to analyze the quantitative, financial and operating data that decision makers use in marketing, finance, personnel administration, and other business activities. Because accounting is part of an information system, the ability to communicate financial results to managers, clients and others who need the information is a vitally important skill for professional accountants.

Mission: The Accounting Area of the University of Missouri - St. Louis endeavors to prepare high-potential students of diverse backgrounds to succeed in accounting careers, either through a bachelors or masters degree program. We seek to provide these students with the means to deal with the challenges confronting the accounting profession and to contribute to their solutions. Our faculty strives to further the practice and understanding of accounting through its teaching, research, and service to the profession.-

no change

Effective November, 1995, the accounting degree programs at UM-St. Louis are separately accredited by the American Assembly of Collegiate Schools of Business (AACSB). This unique accreditation is not currently shared by any other St. Louis college or university.

Editorial addition.

For an emphasis in Accounting a student must complete at least 7 business courses (21 hours) beyond required business core courses. These 7 courses include:

no change

- BA 340A Financial Accounting and Reporting I
- BA 340B Financial Accounting and Reporting II
- BA 345 Cost Accounting
- BA 347 Income Taxes
- BA 348 Auditing

In addition to the five above, either BA 215: Information Systems Analysis; or BA 344: Computer Applications in Accounting, must be completed;

A minimum of one business course must be selected from the following:

- BA 341 Financial Accounting and Reporting III
- BA 342 Financial Accounting and Reporting IV
- BA 343 Accounting for Governmental and Nonprofit Entities
- BA 349 Business Income Taxation
- BA 295/395 Business Administration Problems/Seminars
- BA 295/395 Business Administration Problems/Seminars--restricted to those offered and approved by the area faculty.

Finally two (2) additional courses (six [6] hours) must be successfully completed to earn the accounting emphasis:

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One course selected from Comm 30: Interpersonal Communication; or Comm 40: Introduction to Public Speaking; or BA 205: Contemporary Business Communication.

One course selected from Phil 30: Approaches to Ethics; or Phil 154: Business Ethics.

Finance

Finance is a multidisciplinary field that combines various concepts from management, economics and accounting with financial techniques to make sound business decisions and solve problems. There are many business situations in both large and small companies that require knowledge of the latest financial theories and tools. Generally these applications involve investing (using funds) or financing (raising funds). As a result, the field is often considered to comprise three broad categories: investments; corporate financial management; and financial institutions.

To earn an emphasis in Finance, a student must complete a minimum of five (5) courses (fifteen [15] hours) beyond the business core selected from the following:

- BA 333 Life Insurance and Employee Benefits
- BA 334 Investments
- BA 335 Financial Risk Management
- BA 350 Financial Policies
- BA 351 Computer Applications in Finance
- BA 355 Financial Services Industry and Instruments
- BA 356 Commercial Bank Management
- BA 380 International Finance
- BA 295/395 Business Administration Problems/Seminars
- BA 296 Independent Study

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Management Science

Management Science involves the application of scientific principles to assist the decision-maker in making a rational and intelligent decision. Some decisions are a single choice—Shall I buy something now or later? Shall I go here or there? Other decisions involve the allocation of scarce resources such as people, money, equipment, and facilities to competing entities and can affect the success of corporations or the policies of nations. The challenge to a good decision-maker is to be able to determine what alternatives are relevant, and carry out an analysis in order to make an objective assessment of the most suitable alternative. Management Science

Finance

Finance is a multidisciplinary field that combines various concepts from management, economics and accounting with financial techniques to make sound business decisions and solve problems. There are many business situations in both large and small companies that require knowledge of the latest financial theories and tools. Generally these applications involve investing (using funds) or financing (raising funds). As a result, the field is often considered to comprise three broad categories: investments; corporate financial management; and financial institutions.

To earn an emphasis in Finance, a student must complete a minimum of five (5) courses (fifteen [15] hours) beyond the business core selected from the following:

- BA 207 Practicum in Investments
- BA 332 Principles of Insurance
- BA 333 Life Insurance and Employee Benefits
- BA 334 Investments
- BA 335 Financial Risk Management
- BA 337 Principles of Real Estate
- BA 350 Financial Policies
- BA 351 Computer Applications in Finance
- BA 355 Financial Services Industry and Instruments
- BA 356 Commercial Bank Management
- BA 380 International Finance
- BA 295/395 Business Administration Problems/Seminars
- BA 296 Independent Study

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Logistics and Operations Management

The mission of Logistics and Operations Management is to get the appropriate goods or services to the right place, at the right time, in the right quality and quantity, while making the greatest contribution to the organization. In a business environment, Logistics and Operations Management encompasses the design, implementation and management of systems for efficient deployment of personnel, physical facilities, raw-materials, in-process inventories, finished goods and related information or services. Logistics and Operations Management covers the whole supply chain, from the point or origin to the point of consumption. Logistics and Operations Management

This emphasis area—Logistics and Operations Management—replaces what was previously Management Science. CBHE approval is forthcoming.

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analysts must be proficient in the use of quantitative models and computers, and have good communication skills.

For an emphasis in Management Science a student must complete at least four (4) courses (twelve [12] hours) to include BA 375, Operations Research, and:

One (1) course from:

BA 104 Fortran Programming, or CS 122 Computers and Programming

BA 109 COBOL Programming

(CS 122 is not a business elective)

One course from:

BA 329 Business Forecasting

BA 330 Quality Assurance in Business

BA 331 Multivariate Analysis

One course from:

BA 308A, B, C, or D Production and Operations Management

BA 385 Operations Research II

EC365 Introduction to Econometrics

EC 366 Applied Econometrics

(Neither EC 365 nor EC 366 is a business elective)

BA 295/395 Business Administration Problems/Seminars

BA 296 Independent Study

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

analysts must be proficient in the use of quantitative models and computers, and communicate effectively.

For an emphasis in Logistics and Operations Management a student must complete at least four (4) courses (twelve [12] hours) from the following:

BA 306 Decision Support and Expert Systems

BA 308A, B, C, or D Production and Operations Management

BA 329 Business Forecasting

BA 330 Quality Assurance in Business

BA 331 Multivariate Analysis

BA 375 Operations Research

BA 385 Operations Research II

BA 295/395 Business Administration Problems/Seminars

BA 296 Independent Study

*CS 125 Introduction to Computer Science

*BA 224 Managerial Applications of Object Oriented Programming I

*BA 307 Management of End-User Computing

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

*No more than one of these programming courses may be counted towards the emphasis area.

Management and Organizational Behavior

The study of management and organizational behavior focuses on the behavior of individuals and groups in an organizational setting. The business environment today demands graduates with skills who can effectively make decisions involving working with and leading people.

no change

The management and organizational behavior emphasis stresses the qualitative approaches to business. The major areas of focus are: the theory and functions of management; the management of human resources; the development of strategic policies in an organization; organizational design and conflict resolution; entrepreneurship; and international management. In covering these topics, both classic and current perspectives are provided.

To earn the emphasis designation in Management and Organizational Behavior a student must complete four (4) courses (twelve [12] hours) to include BA 311, Advanced Management and Organizational Behavior, plus three (3) additional courses selected from:

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- BA 309 Human Resource Management
- BA 312 Industrial and Labor Relations
- BA 317 International Management
- BA 318 Industrial and Organizational Psychology
(This course is cross-listed as Psych 318)
- BA 319 Employee Training and Development
- BA 392 Entrepreneurship/Small Business Management
- BA 295/395 Business Administration Problems/Seminars
- BA 296 Independent Study
- BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Management Information Systems

Computer-based management information systems are of vital importance to modern organizations. Management Information Systems (MIS) professionals analyze, design, develop, implement and manage state-of-the-art telecommunications, multi-media and other computer-based information systems. In addition to maintaining traditional transaction processing systems, today's MIS professionals are involved in exciting developments in computing systems, such as decision support and expert systems, database development and enhancement, development and use of Graphical User Interfaces (GUI), and design and management of telecommunications systems. The MIS program provides students with a foundation in both the functional areas of business and in computing technologies that enables graduates to pursue both technical and managerial careers incorporating leading edge technologies in public and private organizations.

The MIS emphasis is currently being revised. Detailed information concerning requirements is available from the Office of Undergraduate Academic Advising.

Management Information Systems

Computer-based management information systems are of vital importance to modern organizations. Management Information Systems (MIS) professionals analyze, design, develop, implement and manage state-of-the-art telecommunications, multi-media and other computer-based information systems. In addition to maintaining traditional transaction processing systems, today's MIS professionals are involved in exciting developments in computing systems, such as decision support and expert systems, database development and enhancement, development and use of Graphical User Interfaces (GUI), and design and management of telecommunications systems. The MIS program provides students with a foundation in both the functional areas of business and in computing technologies that enables graduates to pursue both technical and managerial careers incorporating leading edge technologies in public and private organizations.

no change

To earn the emphasis designation in Management Information Systems a student must complete seven (7) courses (twenty-one [21] hours beyond required business core courses. These 7 courses include:

Program was under revision when last year's Bulletin copy was due; has not previously appeared in Bulletin.

1. A student must complete 5 courses (15 hours)
 - a) Programming/File Structure Requirement (6 hours) (Either Track 1 or Track 2)
 - TRACK1
 - BA 109 COBOL Programming and
BA 209 File Management
 - TRACK2
 - BA 224 Managerial Applications of Object Oriented Programming I and
BA 225 Managerial Applications of Object Oriented Programming II

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b) Analysis and Design Requirement (6 hours)

BA 215 Information Systems Analysis
BA 310 Information Systems Design

c) Database: BA 212 Database Management Systems

2. A student must complete two courses from the following to include at least one Business Administration (BA) course at the 300-level (6 hours):

BA 109 COBOL Programming (if not used to fulfill requirements in 1A)

BA 209 File Management (if not used to fulfill requirements in 1A)

BA 224 Managerial Applications of Object Oriented Programming I (if not used to fulfill requirements in 1A)

BA 225 Managerial Applications of Object Oriented Programming II (if not used to fulfill requirements in 1A)

BA 304 The Management of Information Systems

BA 305 Management of Telecommunications

BA 306 Decision Support & Expert Systems

BA 307 Management of End User Computing

BA 344 Computer Applications in Accounting

CS 240 Computer Hardware & Small Computer Systems I

CS 241 Computer Hardware & Small Computer Systems II

CS 332 Artificial Intelligence

CS 376 Operating Systems

BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Marketing

Marketing is an important part of any business or organization and can enhance growth, increase profits, and help achieve the organization's goals. Furthermore, marketing plays an important role in our society by enhancing our quality of life. Equally important, marketing offers varied and interesting career opportunities.

Marketing involves the activities needed to facilitate an exchange. This covers selling products, services or ideas to both consumers and business buyers. Many non-profit institutions are now enthusiastic users of marketing concepts; thus marketing majors find such untraditional areas as hospitals, churches, museums, universities and retirement homes often offer excellent entry level opportunities, in addition to such traditional firms as manufacturing and retailing concerns.

For an emphasis in Marketing, a student must complete at least four (4) courses (twelve [12] hours) selected from:

Marketing

Marketing is an important part of any business or organization and can enhance growth, increase profits, and help achieve the organization's goals. Furthermore, marketing plays an important role in our society by enhancing our quality of life. Equally important, marketing offers varied and interesting career opportunities.

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For an emphasis in Marketing, a student must complete at least four (4) courses (twelve [12] hours) selected from:

no change

no change

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BA 270 Management of Promotion
BA 275 Marketing Research
BA 301 Consumer Behavior
BA 302 Quantitative Marketing Methods
BA 303 Industrial Marketing
BA 315 Marketing Management
BA 316 International Marketing
BA 295/395 Business Administration Problems/Seminars
BA 296 Independent Study
BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Satisfactory/Unsatisfactory Option

Business students in good standing may take up to 18 hours on a satisfactory/unsatisfactory basis. Exempt from this option are specific degree requirements, including such courses as Economics 51, Economics 52, mathematics courses, English 10, and junior-level English courses; courses fulfilling the mathematics-language option; and the required business administration core courses except Business Administration 390. Up to nine of the allowable 18 hours of work taken on a satisfactory/unsatisfactory basis may, however, be in business electives. Students should consult the School of Business Administration's regulations on this option regarding particular emphasis area courses.

Restrictions

A student who has not been formally admitted to the School of Business Administration, or who is not currently admissible to the School of Business Administration may take no more than thirty (30) hours of business courses. Admissibility to the School of Business Administration requires that one complete at least sixty (60) credit hours and have a minimum 2.0 grade point average.

Minor in Business Administration

The School also offers a minor in business administration for students pursuing other degree programs.

In order to obtain an academic minor in business administration, a student must satisfy the following requirements:

Pre-Business General Education Requirements A student must complete the following economics courses:

- 51, Principles of Microeconomics
- 52, Principles of Macroeconomics

BA 270 Management of Promotion
BA 275 Marketing Research
BA 301 Consumer Behavior
BA 302 Quantitative Marketing Methods
BA 303 Business-to-Business Marketing
BA 315 Marketing Management
BA 316 International Marketing
BA 295/395 Business Administration Problems/Seminars
BA 296 Independent Study
BA 295, 296 & 395 are restricted to those courses offered and approved by the area faculty.

Satisfactory/Unsatisfactory Option

Business students in good standing may take up to 18 hours on a satisfactory/unsatisfactory basis. Exempt from this option are specific degree requirements, including such courses as Economics 51, Economics 52, mathematics courses, English 10, and junior-level English courses; courses fulfilling the mathematics requirement; and the required business administration core courses except Business Administration 390. Up to nine of the allowable 18 hours of work taken on a satisfactory/unsatisfactory basis may, however, be in business electives. Students should consult the School of Business Administration's regulations on this option regarding particular emphasis area courses.

Restrictions

A student who has not been formally admitted to the School of Business Administration, or who is not currently admissible to the School of Business Administration may take no more than thirty (30) hours of business courses. Admissibility to the School of Business Administration requires that one complete at least sixty (60) credit hours and have a minimum 2.0 campus grade point average.

The School of Business Administration faculty is currently considering the implementation of a higher g.p.a. requirement for admission and graduation. This will be no more than 2.5 and may be imposed in the future on all students entering the School.

Minor in Business Administration

The School also offers a minor in business administration for students pursuing other degree programs.

In order to obtain an academic minor in business administration, a student must satisfy the following requirements:

Pre-Business General Education Requirements A student must complete the following economics courses:

- 51, Principles of Microeconomics
- 52, Principles of Macroeconomics

Course name change.

Language as a formal option dropped.

All g.p.a. references are now based on campus g.p.a. vs. overall g.p.a.

no change

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Statistics Requirement A student must take one of the following statistics courses:

- Business 131, Business Statistics (Prerequisites: Mathematics 101 & Mathematics 103)
- Economics 265, Economic Statistics (Prerequisites: Economics 51 and Economics 52 and Mathematics 30)
- Mathematics 232, Applied Statistics II (Prerequisites: Statistics 31 or Statistics 132 or equivalent)
- Psychology 201, Psychological Statistics (Prerequisites: Psychology 3 and Mathematics 30, or equivalents)

Business Course Requirements A student must complete a minimum of 24 hours in business. The following six business administration courses must be taken:

- 103, Computers and Information Systems
- 140, Fundamentals of Financial Accounting (Prerequisites: 27 credit hours and Mathematics 30)
- 145, Managerial Accounting (Prerequisites: Business Administration 140 or equivalent and Mathematics 30)
- 204, Financial Management (Prerequisites: Business Administration 140, Economics 52, Statistics Requirement and a 2.0 overall g.p.a.)
- 206, Basic Marketing (Prerequisites: Economics 51 and junior standing and a 2.0 overall g.p.a.)
- 210, Management and Organizational Behavior (Prerequisites: Junior standing and a 2.0 overall g.p.a.)

and any two additional business courses (core or elective) other than those listed under Statistics and Business Course Requirements.

In addition to completing the above courses, the following requirements for a minor in business administration must also be met:

- 1) A student must not take more than 30 hours of business courses within the 120 required for the degree program.
- 2) A student must earn an average of 2.0 or better and earn a C- or better in all business courses taken.
- 3) No course taken on a satisfactory/unsatisfactory basis may be applied toward fulfilling the minor requirements.
- 4) At least 12 credits of the business course requirements must be taken in residence at UM-St. Louis.

Statistics Requirement A student must take one of the following statistics courses:

- Business 250, Business Statistics (Prerequisites: Mathematics 100 & Mathematics 105)
- Economics 265, Economic Statistics (Prerequisites: Economics 51 and Economics 52 and Mathematics 30)
- Mathematics 232, Applied Statistics II (Prerequisites: Statistics 31 or Statistics 132 or equivalent)
- Psychology 201, Psychological Statistics (Prerequisites: Psychology 3 and Mathematics 30, or equivalents)

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- 3) No course taken on a satisfactory/unsatisfactory basis may be applied toward fulfilling the minor requirements.
- 4) At least 12 credits of the business course requirements must be taken in residence at UM-St. Louis.

Minor in Employee Training and Development
The School of Business Administration and the Evening College offer a minor in employee training and development. Information on this minor can be found in the Evening College section of this book.

Course number change; prerequisite change.

g.p.a. reference to campus, not overall.

g.p.a. reference to campus, not overall.

g.p.a. reference to campus, not overall.

no change

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Cooperative Education and Internship Programs

Cooperative Education and Internship Programs are available for students seeking career-related employment while enrolled in school. These programs afford business students an opportunity to gain practical experience and earn a substantial income. Co-ops and internships are administered through the Career Placement Services Office, 308 Woods Hall.

International Certificate

Students who participate in the Missouri-London Program (take courses and work for one semester in London) may apply that experience toward an International Business Certificate. Details may be found in the Interdisciplinary Studies section of the Bulletin.

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International Certificate

Students who participate in the Missouri-London Program (take courses and work for one semester in London) or other study abroad programs may apply that experience toward an International Business Certificate. Details may be found in the Interdisciplinary Studies section of the Bulletin.

Office name change.

Editorial change.

8

SENATE PROPOSAL FORM FOR (check one):

- CHANGE IN DEGREE REQUIREMENTS
- CHANGE IN MINOR
- CHANGE IN CERTIFICATE PROGRAM

(Do not write in this space)		
ROUTING:	Initials	Date
Academic Affairs	CAI	3-1-96
Graduate School (if applicable)		
Senate C & I	JMA	4-4-96
Senate		
Academic Affairs		

FROM: School of Business Administration
Department

Signed: _____
Department Chair Date

FROM: School of Business Administration
School or College

Signed: Robert R. Henry
Dean Date 2/19/96

Title: Revision to MBA degree requirements

Are other departments likely to be affected by this change? (x) no () yes—list departments and secure sign-offs

Page number(s) 280-282 and year 1995/96 of most recent Bulletin listing.

Current Bulletin Listing:

Master of Business Administration Program (MBA)
The MBA program is fully accredited by the American Assembly of Collegiate Schools of Business, the authorized professional accrediting body in collegiate business education, and is designed to prepare students for administrative positions. It also provides an appropriate foundation for students contemplating doctoral work and eventual careers in college teaching or in research. The program is designed for students who have bachelor's degrees from accredited institutions, including those with undergraduate backgrounds in the sciences, engineering, humanities, or arts. Students with undergraduate degrees in business administration or economics may pursue modified degree programs.

A 60-hour or two-year program, the MBA curriculum provides training in the fundamental areas of administration. The core program is designed to generate a working knowledge of the concepts and

Proposed Bulletin Listing:

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A 54-hour or two-year program, the MBA curriculum provides training in the fundamental areas of administration. The core program is designed to generate a working knowledge of the concepts and

Rationale:

No change

To change the maximum number of hours required from 60 to 54.

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interrelationships of four broad categories fundamental to management training:

- The external environment confronting business organizations and management's response to interactive legal, economic, social, and political issues.
- The internal operation of various business organizations and management's role in channeling human behavior to satisfy both personal and organizational goals.
- Basic concepts, terminology, and interaction of the accounting, marketing, finance, and production disciplines.
- Quantitative management decision-making models put to use in the context of current management information systems.

The total degree program is integrated by a course in strategy formulation and implementation in the student's last semester. There is no thesis requirement; however, students interested in undertaking an individual research project may earn elective credit by enrolling in a supervised independent study course.

MBA Program Degree Requirements

Students must take at least 39 hours of graduate work within a six-year period, 30 hours of which must be taken while enrolled as MBA candidates at UM-St. Louis.

Candidates must take at least one course, required or elective, in each of the following areas: accounting, finance, management, management science and information systems, and marketing.

Students are also required to have completed the equivalent of Economics 351, Quantitative Methods for Economics and Business Analysis, with a grade of C

interrelationships of four broad categories fundamental to management training:

- The external environment confronting business organizations and management's response to interactive legal, economic, social, and political issues.
- The internal operation of various business organizations and management's role in channeling human behavior to satisfy both personal and organizational goals.
- Basic concepts, terminology, and interaction of the accounting, marketing, finance, information technology and operations management disciplines.
- Quantitative management decision-making models put to use in the context of current management information systems.

The total degree program is integrated by a course in strategy formulation and implementation in the student's last semester. There is no thesis requirement; however, students interested in undertaking an individual research project may earn elective credit by enrolling in a supervised independent study course.

MBA Program Degree Requirements

Depending on the student's previous background, programs will range from 39 to 54 hours. Coursework must be completed within a six-year period. At least 30 hours of coursework must be taken while enrolled as an MBA candidate at UM-St. Louis.

Candidates must take at least one course at either the core level or from the business breadth requirements list in each of the following six areas: accounting, finance, management, marketing, information systems, and management science. Also, no more than 15 credit hours may be taken in any one of the six areas.

No change.

To more explicitly state the maximum number of hours required in the program. Also, the maximum number of hours required is changed from 63 (60 hours of graduate work, plus Economics 301) to 54.

To make the description of this requirement consistent with the categorization of "core" and "business breadth" courses in the new program and to ensure that a student's coursework is not overly concentrated in any single area.

The mathematics requirement is no longer a prerequisite to the program. It is a degree requirement.

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or better by the end of their first semester. Graduate credit is not given for this course.

Students who have not completed Economics 52, Principles of Macroeconomics, or its equivalent with a grade of B or better, within five years preceding entry into the program, will be required to take Business Administration 411, Analysis of National Economics Environment. Graduate credit is awarded for this course and may be included as elective credit.

Required Basic Courses

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

Business Administration 405, Managerial Communication
Business Administration 410, Managerial Economic Analysis
Business Administration 412, Public Policies Toward Business
Accounting 440, Financial Accounting: Theory and Practice
Finance 450, Financial Management
Management 460, Organizational Behavior and Administrative Processes
Marketing 470, Contemporary Marketing Concepts
Management Science and Information Systems 480, Management Information Systems
Management Science and Information Systems 481, Statistical Analysis for Management Decisions
Management Science and Information Systems 482, Operations Research Methods
Business Administration 490, Strategy Formulation and Implementation

Required Courses

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

General Requirements

Economics 301, Quantitative Methods and Modeling in Economics, Business, and the Social Sciences (Economics 301 is offered by way of Dean's approval; official approval is pending passage by the College of Arts and Sciences and by the Senate Committee for Curriculum and Instruction).

Business Administration 405, Managerial Communication
Business Administration 408, Economics for Managers

Business Administration 412, Law, Ethics, and Business

Management Science and Information Systems 481, Statistical Analysis for Management Decisions

Business Administration 490, Strategy Formulation and Implementation

To eliminate the requirement that students complete either Economics 52, Business Administration 411, or an equivalent course. Essential material covered in these courses will now be covered in Business Administration 408.

To provide a description of required courses as either "General" or "Core" requirements.

To allow students to satisfy the mathematics background requirement with either Economics 350 or 301. Economics 301 is a new course targeted at students who have had little or no coursework in mathematics in their undergraduate programs. Also, the rule that students satisfy this requirement by the end of the first semester in the program is changed to the end of the first 15 hours, to reflect the fact that many of the students in the program are part-time.

No change.

To replace Business Administration 410 as a requirement with Business Administration 408. Business Administration 408 will cover topics formerly covered in Business Administration 410 and 411.

To be consistent with the revised title of Business Administration 412. This title more accurately reflects the current content of the course.

No change.

No change.

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Core Requirements

Accounting 440, Financial and Managerial Accounting

To replace the previous version of Accounting 440 (Financial Accounting) with a course covering introductory financial and managerial accounting topics. This change will ensure that all students completing the program will have had basic coverage of both financial and managerial accounting.

Finance 450, Financial Management
Management 460, Organizational Behavior and
Administrative Processes

No change.
No change.

Marketing 470, Contemporary Marketing Concepts

No change.

Management Science and Information Systems 480,
Management Information Systems

No change.

Management Science and Information Systems 483,
Production and Operations Management

To replace Management Science and Information Systems 482 with Management Science and Information Systems 483 as the core management science course. This changes the sequencing of production and management science courses to be consistent with the sequencing of similar courses in the UM–St. Louis undergraduate program.

Required Second-Level Courses

At least three of the following courses are also required:

- Accounting 441, Concepts in Management Accounting
- Finance 451, Advanced Financial Management
- Management 461, Managing Human Resources
- Marketing 471, Marketing Planning and Strategy
- Management Science and Information Systems 483,
- Production and Operations Management

Business Breadth Requirements

A student must take a second-level course in three of the following areas:

- Accounting: Accounting 442, Accounting for Decision Makers
- Finance: Any approved 400-level course beyond Finance 450
- Management: Any approved 400-level course beyond Management 460
- Marketing: Any approved 400-level course beyond Marketing 470
- Information Systems: Any approved 400-level course beyond Management Science and Information Systems 480
- Management Science: Any approved 400-level course beyond Management Science and Information Systems 483

To allow more flexibility in a student's options for courses to be taken beyond core requirements.

Electives

The 18 hours of electives allows the students to tailor the degree program according to individual interests. Up to nine hours of electives may be selected from any one area. A maximum of six hours of electives

Electives

The student must take a minimum of nine hours of elective courses. A maximum of six hours of electives may be taken at the 300 level. Nine elective hours may be taken outside the School of Business Administration

To reduce the number of required hours of elective courses. This recognizes the fact that some of the courses formerly taken as electives will now be taken as business breadth courses. Depending on course waivers, a student may still be required to take more than the minimum nine hours of

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may be taken at the 300 level. Nine elective hours may be taken outside of the School of Business Administration if the student has approval in advance from a graduate advisor for the specific courses as desired.

Previous Education

Students with previous education in business or economics may waive certain courses. Depending upon the student's transcripts and the applicability of the course work, students with an undergraduate background in business may waive up to 21 hours of the 60-hour program. At least 39 hours must be taken to earn the degree regardless of the number of courses waived.

if the student has approval in advance from a graduate adviser for the specific courses desired.

Previous Education

Students may waive certain courses from the general and core requirements. Waiver depends on the applicability of prior course work and the student's performance in these courses. Regardless of the number of courses waived, all students must take at least 39 hours to earn the degree.

elective courses to satisfy the minimum 39 hour program requirement.

To clarify School of Business Administration policies with respect to background course waivers and to change the wording of this section to be consistent with the revised description of required courses above.

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SENATE PROPOSAL FORM FOR (check one): CHANGE IN DEGREE REQUIREMENTS
 CHANGE IN MINOR
 CHANGE IN CERTIFICATE PROGRAM
 (See Instructions on Reverse)

(Do Not Write in This Space)
 initials/date

Page 1 of 1

ROUTING:
 Academic Affairs AKT/220/96
 Graduate School
 (if applicable) _____
 Senate C&I jma/4-4-96
 Senate _____
 Academic Affairs _____

English
 Department

Signed: Jane Williamson 3 Nov 95
 Department Chair Date

Arts and Sciences
 School or College

Signed: Martin Aoyagi 2/26/96
 Dean Kathleen Hayward, Educ. Date 2/22/96

Bachelor of Arts in English with Certification for Secondary Education
 Title of Degree/Minor/Certificate Program

Are other departments likely to be affected by this change? no yes--list departments and secure sign-offs

School of Education, Educational Studies Edith Young Edith Young, Chair 11-17-95

Page number(s) 142, #3 year 1995-96 of most recent Bulletin listing.

Current Bulletin listing:	Proposed Bulletin listing:	Rationale:
<p>3) Six hours in linguistics</p> <p>a English 220, Development of the English Language</p> <p>b English 322, Modern English Grammar</p> <p>Candidates must pass the English-Educational Studies Test in Basic Grammar. Candidates with a weak background in grammar should consider enrolling in English 22, Traditional Grammar, before taking 220 or 322. The final examination for 22 can be used in place of the Test in Basic Grammar. English 22 however, does not count toward the six hours of required linguistics.</p>	<p>3) English language requirements</p> <p>a) English 122, Traditional Grammar</p> <p>Students with sufficient background may gain exemption from the English 122 requirement by passing the English-Educational Studies Test of Basic Grammar. This test may be taken only twice.</p> <p>Certification candidates must pass English 122 OR the English-Educational Studies Test of Basic Grammar <u>before</u> applying for student teaching.</p> <p>b) English 308 (English Grammar)</p> <p>c) English 307 (Linguistics) or English 309 (History of the English Language)</p>	<p>Requiring Traditional Grammar (Eng 122) or the Basic Grammar Test will: a) strengthen the preparation of teaching candidates entering English 308, and b) catch transfer students whose transcripts show upper-level grammar coursework but whose knowledge of traditional grammar is weak. The breakdown of the upper-level courses guarantees coverage of the three areas required by the State: grammar (Eng 308); history (Eng 307 and 309); and American dialects (Eng 307 and 309), and gives highest priority to grammar.</p>