



**UNIVERSITY SENATE
UM-St. Louis
Agenda**

University Senate

8001 Natural Bridge Road
St. Louis, Missouri 63121-4499
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The Senate will meet at 3:00 p.m. on Tuesday, February 16, 1999 in 126 J.C. Penney.

- I. Approval of Minutes from Previous Meeting
- II. Report from the Senate Chair -- Jeanne Morgan Zarucchi
Missouri Association of Faculty Senates
Student Election Subcommittee
- III. Report from the Chancellor -- Chancellor Touhill
- IV. Report from the Faculty Council Presiding Officer -- Dennis Judd
Continuing Problems with Mail Service
Backstop Agreement Regarding Performing Arts Center
Budget Reallocations
- V. Reports from Standing Committees:
 - A. Committee on Committees -- Gail Ratcliff
Ballot for Committee Replacement (Action Item)
 - B. Appointments, Tenure, and Promotion -- R. Rocco Cottone
Resolution (Action Item-See Attached)
 - C. Assessment of Educational Outcomes -- Helene Sherman
Assessment Responsibilities
 - D. Budget and Planning -- Chancellor Touhill
 - E. Curriculum and Instruction -- David Ganz
Course Proposals (Action Items-See Attached)
 - F. Faculty Teaching and Service Awards -- Carol Kohfeld
Nominations for System Awards
 - G. Research -- Fred Willman
Small Grant Awards
 - H. Student Publications -- Van Reidhead
Current Financial Report
Managing Editor Recruitment
 - I. University Relations -- Terry Jones
Draft Marketing Plan
- VI. Other Business

Attachments:

- 1) ATP Resolution
- 2) Course Proposals

2-8-99

Notes and a Resolution

From the UM-St. Louis University Senate Appointments, Tenure and Promotion Committee.
Submitted by R. Rocco Cottone, Committee Chair

What is known about Executive Order 6A

1. As communicated by Steve Lehmkuhle, current standard procedure, prior to implementation of executive orders, is to circulate them to the campuses and the IFC for comment. Apparently, President Russell simply consulted his staff and the Chancellors prior to implementation, which is what probably occurred with Executive Order 6A.
2. The June 9, 1992 version of Executive Order 6A did get reviewed on this campus by at least one Dean. Terry Jones, on June 26, 1992, wrote a critical response to a provision in the Executive Order (which required administrative justification for the position at the time of the tenure decision). Shirley Martin forwarded Dr. Jones' response to MaryEllen McSweeney, who was involved in revising the School of Nursing standards, so it is assumed that Dr. Martin also saw a copy of the June version of 6A. Dr. McSweeney has copies of a revised version of 6A, dated September, 1992.
3. Executive Order 6A was also referenced in an article in *Spectrum*, dated February, 1993.
4. Apparently two provisions of an earlier version of Executive Order 6A have been removed: (a) the administrative justification of need provision; and (b) a provision requiring a University-wide committee to review dossiers from all four campuses.
5. Contiguous to the presentation of Executive Order 6A, there was a proposal by Curator Cozad which would have revised academic tenure guidelines, providing new grounds for dismissal of faculty. There was a detailed response from Ed Hunvald (dated Oct. 20, 1992) of the IFC related to the Cozad proposal, with specific concerns raised about provisions for dismissal of tenured faculty.

Hypothesis: Attention to the provisions of 6A (those crucial to the revised procedure on this campus this year) must have been diverted by the Cozad proposal and other stipulations in 6A, including the justification of need standard and the University-wide committee requirement.

PROPOSED RESOLUTION of the Senate of the University of Missouri-St. Louis:

WHEREAS the University of Missouri system "Regulations Governing Application of Tenure" (section 310.020) clearly state that Board of Curators "recognizes that matters related to faculty status are primarily a faculty responsibility";

WHEREAS the University of Missouri system Executive Order (number 6A) on "Policy and Procedures for Promotion and Tenure" (section 320.035) was implemented without the counsel, advice, or approval of the faculty of the University of Missouri-St. Louis (through its representative bodies);

WHEREAS regulations, policies, and procedures related to appointments, tenure, and promotion have major implications for the future of the University;

BE IT RESOLVED THAT the Senate asks the University of Missouri Intercampus Faculty Council to request that the University of Missouri system administration will fully consult with the faculty and seek the approval of the faculty of the University of Missouri (through its representative bodies) regarding any proposed changes of regulations, policy, or procedures pertaining to appointments, tenure, and/or promotion of faculty members.

Approved by the Senate of the University of Missouri-St. Louis on xx-xx-99.

REPORT FROM THE COMMITTEE ON CURRICULUM AND INSTRUCTION
February 16, 1999

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

A. Change in Degree Requirements

1. Bachelor of Science in Chemistry
2. Certification in Secondary Social Studies
3. General Education/Bachelor of Arts in English
4. Social Work-General Information-Undergraduate Studies-Bachelor of S.W.

B. Change in Certificate Program

1. Bachelor of Arts in Chemistry with Biochemistry Certificate
2. Biochemistry Certificate
3. Certificate in Writing Program
4. Trauma Studies Certificate
5. Undergraduate Certificate in Biotechnology

II. Housekeeping:

Change in Degree Requirements

1. Bachelor of Arts in Biology
2. Bachelor of Science in Biology
3. Bachelor of Science in Civil, Mechanical, and Electrical Engineering
4. Communication -- Degree Requirements

III. The Committee wishes to inform the Senate of the following course actions that were effected by the Committee:

Curricular Designation/Number	Add/Drop/Change	Course Title	Credit Hours
Biology 327 (formerly 228)	Change in number, prerequisite, description	Introduction to Biotechnology	4
Biology 328	Change in prerequisite	Techniques in Molecular Biology	4
Biology 428	Change in prerequisite	Advanced Techniques in Molecular Biology	4
Biology 490	Change in description	Graduate Research in Biology	1-10
Chemistry 1	Change in description	General Chemistry	3
Chemistry 10	Change in title, description	Chemistry in the Environment and Everyday Living (formerly Chemistry and Society)	3
Chemistry 2	Change in description	General Organic Chemistry	3
Chemistry 377	Add	Physical Biochemistry	3
Chemistry 479	Add	Special Topics in Biochemistry	1-3

REPORT FROM THE COMMITTEE ON CURRICULUM AND INSTRUCTION

February 16, 1999

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Chemistry 5	Add	Chemistry for the Health Professions	4
Chemistry 6	Add	Organic and Biochemistry for the Health Professions	2
Communication 113	Add	Basic Television Studio Production	3
Communication 210	Change in prerequisite, description	Television Production I	3
Communication 260	Drop	Advanced Oral Interpretation	3
Communication 273	Drop	Basic Film Production	3
Communication 313	Add	Advanced Video Editing	3
Communication 360	Add	Health Communication	3
Computer Science 201	Add	An Introduction to Java and Internet Programming	3
Economics 365	Change in prerequisite	Introduction to Econometrics	3
English 303	Change in prerequisite	Advanced Poetry Writing	3
English 304	Change in prerequisite	Advanced Fiction Writing	3
English 309	Change in prerequisite	History of the English Language	3
English 313	Change in description	Advanced Business and Technical Writing	3
English 320	Change in description	Independent Writing Project	3
English 387	Add	The Two Cultures: Literature and Science	3
English 388	Add	Narrative, Cognition, and Emotion	3
FLL 111	Add	Love in the Western World	3
FLL 464	Add	Issues in Foreign Language Methodology	3
History 150	Add	The People's Century, Part I	3
History 208	Add	The History of St. Louis	3
History 350	Add	The People's Century, Part I	3
History 403	Add	Mercantile Library Seminar and Readings in American History	3-5
History 452	Add	Doctoral Proseminar in African-American History	3
History 453	Add	Doctoral Research Seminar in African-American History	3
Interdisciplinary 310	Drop	Child Abuse and Neglect: An Interdisciplinary	3
Interdisciplinary 350	Change in prerequisite, description	Topics in Women's and Gender Studies	3
Interdisciplinary 351	Change in prerequisite	Theories of Feminism	3
JME 040	Add	The Engineering Design Process	2
Mathematics 405	Add	Computational Curves and Surfaces	3
Optometry 580	Change in description	Supplementary Rotation in General Patient Care	7
Optometry 581	Add	External Supplementary Rotation in General Patient Care	7
Physics 307	Add	Scanning Electron Microscopy	3
Physics 308	Add	Transmission Electron Microscopy	3
Physics 309	Add	Scanning Probe Microscopy	3

REPORT FROM THE COMMITTEE ON CURRICULUM AND INSTRUCTION

February 16, 1999

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Psychology 232	Change in description	Psychology of Victims	3
Psychology 307	Add	Psychology of Oppression	3
Psychology 317	Add	Social Psychology of Conflict & Negotiation	3
Social Work 310	Add	Abused and Neglected Children	3
Social Work 312	Change in prerequisite, description	Women's Social Issues	3
Social Work 315 (formerly 314)	Change in number, title, prerequisite, description	Diversity and Social Justice (formerly Social Work with Culturally Diverse Populations)	3
Social Work 410	Add	Social Policy and Social Services	3
Social Work 418	Add	Foundations of Human Behavior in the Social Environment	3
Social Work 430	Add	Generalist Social Work Practice	3
Social Work 431	Add	Social Work and Human Service Organizations	3
Social Work 432	Add	Community Practice and Social Change	3
Social Work 440	Add	Social Work Research Methods and Analysis I	3
Social Work 449	Add	Social Work Research Methods and Analysis II	3
Social Work 489	Add	Foundation Field Practicum Seminar	3
Social Work 490	Add	Graduate Field Practicum	4
Sociology 315	Add	Diversity and Social Justice	3
Sociology 317	Add	Social Psychology of Conflict & Negotiation	3

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

Page 1 of 3

Chemistry
 Department

Signed:

G. Anderson
 Department Chair

11/10/98
 Date

Arts & Sciences
 School or College

Signed:

Martin Sage PA
 Dean

12-10-98
 Date

ROUTING:

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

Lmm/12-22-98

Bachelor of Science in Chemistry

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) 125 and year 1998-99 of most recent Bulletin listing.

Current Bulletin listing:

Bachelor of Science in Chemistry

This is the first professional degree in chemistry. It may be taken as a terminal degree by students intending to become professional chemists or for preparation for graduate work in chemistry or biochemistry. Candidates must complete the requirements for the B. A. degree in chemistry. In addition, the following chemistry courses are required:
 Chemistry 234: Laboratory in Physical Chemistry II
 Chemistry 321: Instrumental Analysis
 Chemistry 323: Laboratory in Instrumental Analysis
 Chemistry 341: Inorganic Chemistry I
 Chemistry 343: Inorganic Reactions
 Chemistry 364: Synthetic and Analytical Methods of Organic Chemistry

Proposed Bulletin listing:

Bachelor of Science in Chemistry

This is the first professional degree in chemistry. It may be taken as a terminal degree by students intending to become professional chemists or for preparation for graduate work in chemistry or biochemistry. Students may choose to specialize in Chemistry or Biochemistry.

Chemistry Option

Candidates must complete the requirements for the B. A. degree in chemistry. In addition, the following chemistry courses are required:
 Chemistry 234: Laboratory in Physical Chemistry II
 Chemistry 321: Instrumental Analysis
 Chemistry 323: Laboratory in Instrumental Analysis

Rationale:

The American Chemical Society Committee on Professional Training authorizes the offering of a Biochemistry Option in the B. S. degree, within parameters met by the proposed curriculum. We wish to make such an option available to our students. This is part of a movement toward increased biochemistry offerings, from certificate programs to the graduate level.

SEN: 7/88

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

Page 2 of 3

Chemistry
 Department

Signed: _____
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Bozic/Ga
 Dean Date 12-10-98

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

Bachelor of Science in Chemistry

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) 125 and year 1998-99 of most recent Bulletin listing.

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	Chemistry 341: Inorganic Chemistry I Chemistry 343: Inorganic Reactions Chemistry 364: Synthetic and Analytical Methods of Organic Chemistry Biochemistry option Candidates must complete the requirements for the B. A. degree in chemistry, with the exception of one credit of Senior Seminar, Chemistry 289. In addition, the following chemistry and biology courses are required: Biology 11: Introductory Biology I Biology 210: Cell Structure and Function or Biology 224: Genetics Chemistry 371: Biochemistry Chemistry 372: Advanced Biochemistry Chemistry 373: Biochemical Techniques	

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

Page 3 of 3

Chemistry
 Department

Signed: _____
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Gage / GC
 Dean Date 12-16-98

ROUTING:

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

Bachelor of Science in Chemistry
 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) 125 and year 1998-99 of most recent Bulletin listing.

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Chemistry 376; or three credits of Chemistry 290;
 Chemical Research (which must be a project in
 biochemistry)

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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Initials/Date

ROUTING:

Academic Affairs mm 11/01/98
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Page 1 of 1

Educational Studies
Department

Signed:

Edith Young

3-16-98

Department Chair

Date

Education
School or College

Signed:

Kathleen Haywood

10/8/98

Dean

Date

Certification in Secondary Social Studies

Title of Degree/Minor/Certificate Program

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

Page number(s) 274 and year 97-98 of most recent Bulletin listing

Current Bulletin listing:

Rationale:

Social Studies students must complete a Major in one of the following disciplines: anthropology, economics geography, history, political science, psychology, or sociology; and meet these minimum social science requirements: American history, 12 hours; European or world history, 9 hours; United States and/or state government, 6 hours; economics 3 hours; behavioral science (sociology, anthropology, or psychology), 6 hours; geography, 3 hours; and 2 hours of elective social studies credit.

Proposed Bulletin listing:

Social Studies certification students must complete a Major or an equivalent in hours in one of the following disciplines: anthropology, economics, geography, history, political science, psychology, or sociology; and meet these minimum social science requirements: American history, 12 hours including History/Sec Ed 257; European or world history, 9 hours including History/Sec Ed 258; United States and/or state government, 6 hours including political science/Sec Ed 209; economics, 3 hours; geography, 3 hours; and 2 hours of elective social studies credit

Rationale: To add three new

Education/A & S courses that mirror the requirements for all secondary students in the state of Missouri - American Government, U. S. History, and World History - that will be offered as part of a unified, integrated package organized around the Social Studies Methods Course and designed as a program that integrates pedagogy, content, and application in ways that relate directly to the classroom

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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ROUTING:

Academic Affairs Lmm 112-22-98
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Page 1 of 12

English
Department

Signed: Joan Williamson 11/26/98
Department Chair Date

Arts & Sciences
School or College

Signed: Martin Sage 12-10-98
Dean Date

General Education/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

Page number(s) 158 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>General Information</p> <p>Degrees and Areas of Concentration</p> <p>The English department offers or participates in the offering of the B.A. in English, the B.A. in English with certification for secondary teaching, and the B.S. in secondary education with an emphasis area in English. The department also offers a minor in English. Additionally, students with any major in the University may earn a Certificate in Writing so that they may demonstrate evidence of training in creative, journalistic, or technical writing.</p> <p>The department has a graduate program leading to the Master of Arts degree. Students may pursue a literature track where they acquire a broad coverage in British and American writers or, a</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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ROUTING:

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

Page 2 of 12

English
 Department

Signed: Jane W. Auburn 10/26/98
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Gage, Jr. 12-10-98
 Dean Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

number(s) 158 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>writing track where half of the course work deals with composition and writing theory. The department also offers the Master of Fine Arts in creative writing, in which half of the courses are writing workshops and independent writing projects.</p> <p>Departmental Honors Candidates for departmental honors in English must achieve a 3.2 average in English at graduation and complete an undergraduate or graduate seminar in English, the final paper for which must be acceptable to the instructor as an honors thesis.</p> <p>Undergraduate Studies</p> <p>General Education Requirements Majors must meet the University general education requirements and the</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS

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() CHANGE IN CERTIFICATE PROGRAM

Initials/ e

ROUTING:

Academic Affairs

Graduate School

(if applicable)

Senate C&I

Senate

Academic Affairs

Page 3 of 12

English
Department

Signed:

James Williamson
Department Chair10/26/98
DateArts & Sciences
School or College

Signed:

Martin Ange/GC
Dean12-10-98
Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

number(s) 158 and year 1998-99 of most recent Bulletin listing

ent Bulletin listing:

Proposed Bulletin listing:

Rationale:

requirements of the School or College from which they expect to receive their degree. After fulfilling the general education and specific major degree requirements, students are to take the remaining 70 hours required to complete the B.A. in English from courses which the appropriate department has evaluated as being of university-level quality from one or more of the following areas or their university-quality equivalents at other institutions: anthropology/archaeology, art (appreciation, history, studio), astronomy, biology, chemistry, communication, criminology and criminal justice, economics, English, foreign languages/literatures, geology, history, mathematics/computer science, music (appreciation, history, performance), philosophy, physics, political science, psychology, social work, sociology, business, education, engineering, and

SENATE PROPOSAL FORM FOR (CHECK ONE):
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Initials/ e

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

Page 4 of 12

English
 Department

Signed: Jane Whelan 10/26/98
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Sage 12-10-98
 Dean Date

General Education Requirements/Bachelor of Arts in English
 Title of Degree/Minor/Certificate Program

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

number(s) 159 and year 1998-99 of most recent Bulletin listing

ent <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>inter-disciplinary. English courses may be used to meet the University's humanities requirement, except the following:</p> <p>10, Freshman Composition 11, Freshman Composition for International Students 112, Topics in Writing 122, Traditional Grammar 209, Practical Criticism: Writing About Literature 210, Advanced Expository Writing 211, Advanced Expository Writing for International Students 212, Business Writing 213, Technical Writing 214, News Writing 215, Feature Writing 216, Writing in the Sciences 218, Reporting 262, The Curriculum and Methods of</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
 () CHANGE IN MINOR
 () CHANGE IN CERTIFICATE PROGRAM

Initials/ e

ROUTING:

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

Page 5 of 12

English
 Department

Signed: Jane Williamson 10/26/98
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Sage Jr 12-10-98
 Dean Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

number(s) 159 and year 1998-99 of most recent Bulletin listing

ent <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>Teaching English 300, Writing in the Professions 305, Writing for Teachers 313, Advanced Business and Technical Writing 319, Editing 320, Independent Writing Project</p> <p>The College's foreign language requirement may be met in any language.</p> <p>Satisfactory/Unsatisfactory Option English majors may take any English course on a satisfactory/unsatisfactory basis except the following: 10, Freshman Composition 11, Freshman Composition for International Students 209, Practical Criticism: Writing About Literature 210, Advanced Expository Writing 211, Advanced Expository Writing for</p>	<p>English 320 was inadvertently left off this list when the course was added. This change reflects department policy.</p>

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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Academic Affairs _____ /
 Graduate School _____ /
 (if applicable) _____ /
 Senate C&I _____ /
 Senate _____ /
 Academic Affairs _____ /

Page 6 of 12

English
 Department

Signed: Jane Williamson 10/26/98
 Department Chair Date

Arts & Sciences
 School or College

Signed: Martin Gage 12-11-98
 Dean Date

General Education Requirements/Bachelor of Arts in English
 Title of Degree/Minor/Certificate Program

Other departments likely to be affected by this change? (X)no () yes -- list departments and sign-offs

number(s) 159 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	International Students 212, Business Writing 213, Technical Writing 214, News Writing 215, Feature Writing 216, Writing in the Sciences 218, Reporting 262, The Curriculum and Methods of Teaching English 300, Writing in the Professions 305, Writing for Teachers 313, Advanced Business Writing 319, Editing 320, Independent Writing Project Degree Requirements Bachelor of Arts in English English majors must complete at least 36, but no more than 45, hours in English exclusive of English 10, Freshman Composition; English 11, Freshman Composition	English 320 was inadvertently left off this list when the course was added. This change reflects department policy.

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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 () CHANGE IN CERTIFICATE PROGRAM

Initials/ e
 ROUTING:
 Academic Affairs _____ /
 Graduate School _____ /
 (if applicable) _____ /
 Senate C&I _____ /
 Senate _____ /
 Academic Affairs _____ /

Page 7 of 12

English
 Department

Arts & Sciences
 School or College

Signed: Jane Williamson 10/26/98
 Department Chair Date
 Signed: Martin Gage 12-10-98
 Dean Date

General Education Requirements/Bachelor of Arts in English
 Title of Degree/Minor/Certificate Program

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

number(s) 159 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>for International Students; and English 209, Practical Criticism: Writing About Literature.</p> <p>1) Students majoring in English must take</p> <p>131, English Literature I</p> <p>132, English Literature II</p> <p>171, American Literature I</p> <p>172, American Literature II</p> <p>AND</p> <p>2) English 209, Practical Criticism: Writing About Literature. (For English majors, this course is a prerequisite or corequisite for 300-level courses in English.)</p> <p>AND</p> <p>3) Students must also complete one course from five of the following nine areas:</p> <p>Area 1 Medieval English</p> <p>322, Old English Literature</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
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() CHANGE IN CERTIFICATE PROGRAM

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ROUTING:

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

Page 8 of 12

English
Department

Signed: Jane Williams 10/26/98
Department Chair Date

Arts & Sciences
School or College

Signed: Marlin Sage 12-10-98
Dean Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

Other departments likely to be affected by this change? (X)no () yes -- list departments and sign-offs

number(s) 159 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>324, Chaucer 325, Medieval English Literature</p> <p>Area 2 Shakespeare 337, Shakespeare: Tragedies and Romances 338, Shakespeare: Comedies and Histories</p> <p>Area 3 The Renaissance 332, Elizabethan Poetry and Prose 339, Tudor and Stuart Drama 342, Early Seventeenth-Century Poetry and Prose 345, Milton</p> <p>Area 4 Restoration and Eighteenth-Century English 346, Restoration and Eighteenth-Century Drama 352, Age of Dryden and Pope 353, Age of Johnson 364, The Eighteenth-Century Novel</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
() CHANGE IN MINOR
() CHANGE IN CERTIFICATE PROGRAM

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Initials/ e

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

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English
Department

Signed: Jane Williamson 10/26/98
Department Chair Date

Arts & Sciences
School or College

Signed: Martin Sage 12-10-98
Dean Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

Other departments likely to be affected by this change? (X)no () yes -- list departments and sign-offs

number(s) 159 and year 1998-99 of most recent Bulletin listing

ent <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>Area 5 Nineteenth-Century English 365, The Nineteenth-Century English Novel 368, Early Romantic Poetry and Prose 369, Later Romantic Poetry and Prose 371, Prose and Poetry of the Victorian Period 372, Literature of the Late Nineteenth and Early Twentieth Centuries</p> <p>Area 6 Nineteenth-Century American 373, Selected Major American Writers I 374, Selected Major American Writers II 375, American Fiction to World War I</p> <p>Area 7 Twentieth-Century English/American 376, Modern American Fiction 383, Modern British Fiction 384, Modern Poetry 385, Modern Drama 386, Poetry Since World War II</p>	

English
Department

Arts & Sciences
School or College

Signed: Jane Williams 10/26/98
Department Chair Date

Signed: Martin Gage 12-10-98
Dean Date

(If Applicable)
Senate C&I /
Senate /
Academic Affairs /

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

Page number(s) 159 and year 1998 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>Area 8 Literary Criticism 321, History of Literary Criticism 327, Contemporary Critical Theory 329, Forms and Modes of Poetry</p> <p>Area 9 Special Topics 306, Adolescent Literature 323, Continental Fiction 380, Studies in women and Literature 390, Seminar 391, Special Topics in Jewish Literature 395, Special Topics in Literature</p> <p>Work in 100-level courses provides background in literary history and forms, as well as the means for discussing literary issues, on paper and orally. Thus, the Department requires English 131 or consent of the instructor as a prerequisite for all courses in Areas 1-4 and English 132 or consent of the instructor as a prerequisite for all</p>	

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
() CHANGE IN MINOR
() CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
Initials/Date

ROUTING:

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

Page 11 of 12

English
Department

Signed: Janet Williams 10/26/98
Department Chair Date

Arts & Sciences
School or College

Signed: Martin Faye 12-10-98
Dean Date

General Education Requirements/Bachelor of Arts in English

Title of Degree/Minor/Certificate Program

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

Page number(s) 159-60 and year 1998-99 of most recent Bulletin listing

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

courses in areas 5 and 7, except American literature courses. English 171 or consent of the instructor is a prerequisite for all courses in Area 6, and both English 171 and English 172 or consent of the instructor are prerequisites for English 376. All survey courses (English 131, 132, 171, and 172 must be taken before the major has completed 90 hours toward a degree.

A maximum of six satisfactory/unsatisfactory hours may be taken in the department. Majors must complete at least 18 graded (i.e., not satisfactory/unsatisfactory) hours in English courses at the 200 level or above with a grade point of 2.0 or better in these courses.

Transfer students majoring in English must complete a minimum of 12 graded hours in English courses at the 200 level

Students majoring in English must complete a minimum of 12 graded hours in English courses at the 300 level or above

The residency requirement in raising the course level ensures a consistent quality of English majors graduating from

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
() CHANGE IN MINOR
() CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
Initials, Date

Page 12 of 12

English
Department

Arts & Sciences
School or College

Signed: Jane Williamson 10/26/98
Department Chair Date

Signed: Martin Sage Jr 12-10-98
Dean Date

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

General Education Requirements/Bachelor of Arts in English
Title of Degree/Minor/Certificate Program

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

Page number(s) 160 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
above with a grade point average of 2.0 or better in these courses.	in residence with a grade point average of 2.0 or better in these courses or students must receive special consent of the department. Students should consult with faculty advisors to determine which upper-level courses best satisfy their major needs and interests.	UM-St. Louis.

SENATE PROPOSAL FORM FOR (CHECK ONE): (X) CHANGE IN DEGREE REQUIREMENTS
 () CHANGE IN MINOR
 () CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
 Initials/Date

Page 1 of 7

Social Work
 Department

College of Arts & Sciences
 School or College

Signed: [Signature]
 Department Chair

Signed: [Signature] 12-10-98
 Dean Date

ROUTING:
 Academic Affairs Lmm 112-72-98
 Graduate School
 (if applicable) /
 Senate C&I /
 Senate /
 Academic Affairs /

Social Work - General Information - Undergraduate Studies - Bachelor of S.W.
 Title of Degree/Minor/Certificate Program

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

Page number(s) 263-264 and year 98-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
<p>General Information</p> <p>Degrees and Areas of Concentration The Department of Social Work offers courses leading to a Bachelor of Social Work degree (B.S.W.) and a Graduate Certificate in Gerontological Social Work. The B.S.W. program is fully accredited by the Council on Social Work Education. The faculty stresses the scientific and applied aspects of social work. Professional social work education enables students to integrate the knowledge</p>	<p>General Information</p> <p>Degrees and Areas of Concentration The Department of Social Work offers courses leading to a Bachelor of Social Work degree (B.S.W.), a Master of Social Work (M.S.W.), and a minor in Social Work. The B.S.W. Program is fully accredited and the M.S.W. is in the first phase of accreditation (candidacy) by the Council on Social Work</p>	<p>Proposed changes reflect additional information to to the new Master in <i>due</i> in Social Work degree.</p>

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>values, and skills of the profession into competent practice. Throughout, the contribution of arts and sciences toward a well-rounded liberal arts education is emphasized. A minor in Social work is also offered.</p> <p>The department's approach is reflected in an emphasis on the development of theoretical and methodological tools. There is a strong emphasis on practice, with community and social agency field work as important parts of the program. Many faculty members are engaged in research on urban-related issues and work with various urban agencies, particularly in the areas of health care, family violence, social welfare, gerontology, and education.</p> <p>Social work majors should obtain a copy of the Student Handbook and see a social work advisor for advisement. Students must set up an appointment with the practicum coordinator one semester prior to enrolling in the practicum and attend a series of prepracticum classes.</p> <p>General Education Requirements Majors must satisfy the University and College general education requirements, except that proficiency in a foreign language is not required.</p>	<p>Education. The programs stress the critical, empirical, and applied aspects of social work, incorporating a liberal arts perspective throughout the curriculum. There is a strong accent on community and agency field work as an integral part of the program. Professional social work education enables students to integrate the knowledge, values, and skills of the profession into competent practice.</p> <p>Undergraduate social work majors and Master's students should obtain a copy of the Student Handbook (also available on the Social Work Department's web page www.umsl.edu/~socialwk/). BSW students must see a social work advisor for advisement each semester. Students in both the BSW and the MSW must set up an appointment with the practicum office one semester prior to enrolling in the practicum and attend a series of pre-practicum orientation sessions.</p> <p>Undergraduate Studies</p> <p>General Education Requirements Majors must satisfy the University and College general education requirements, except that proficiency in a foreign language is recommended but not required.</p> <p>Courses required for the B.S.W. degree may not be taken on a satisfactory/unsatisfactory basis except Social Work 320 and Social Work 321.</p>	<p><i>Proposed changes reflect addition of MSW program, MSW level courses, and departmental updates.</i></p> <p><i>Proposed changes reflect addition of MSW program, MSW level courses, and departmental updates. Addition of web page.</i></p> <p><i>Additional line for clarity</i></p>

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>Degree Requirements</p> <p>Students entering UM-St. Louis as freshman should indicate a pre-social work major. Transfer students must apply to the Social Work program when they apply to the university. Admission to the program is conditional upon the successful completion of all necessary requirements.</p>	<p>Admission Requirements</p> <p>Students entering UM-St. Louis as freshmen and as transfer students should indicate a pre-social work major. Students must apply to the program concurrent with SW 210. Admission to the program is conditional upon the successful completion of all necessary requirements.</p> <p>Requirements for Admission to the Social Work Program</p> <ol style="list-style-type: none"> 1. Junior Standing 2. Submission of: <ol style="list-style-type: none"> a. Application for admission to social work program b. Transcript of all university work c. Two letters of reference: one from a college or university professor and one other, preferably from a work or volunteer experience supervisor. 3. Completion of Social Work 100, 150, and 151 or their equivalents or completion of an AA in Human Services. 4. Completion with a "C" in all courses listed as prerequisites for Social-Work 210, 280 and 285. 5. Applicants may be asked to meet with the social work admissions committee. 	<p><i>Addition: Admission is proposed during SW210, the first course transfer students take at UM-St. Louis</i></p>

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>Bachelor of Social Work Students completing this degree may enter beginning positions as social workers or choose to enter professional schools of social work, working toward eventual careers in supervision, administration, research, and other specialized areas of practice. Candidates for this degree program must complete the core requirements including the following social work courses:</p>	<p>Degree Requirements Undergraduate Studies Bachelor of Social Work Students must have a minimum GPA of 2.5 in Social Work and related area requirement courses to enter field practicum. Candidates for this degree program must complete the core requirements including the following social work courses: 100, Introduction to Social Service 150, Social Welfare as a Social Institution 151, Social Welfare as a Social Institution Laboratory 210, Introduction to Interventive Strategies 280, Human Behavior in the Social Environment 285, Social Issues and Social Policy Development 300, Interventive Strategies for Social Work with Individuals, Families, and Groups 305, Interventive Strategies for Social Work with Organizations and Communities 320 and 321, Supervised Field Experience in Social Work I and II 320a and 321a, Integrative Field Experience Seminar I and II</p> <p>A minimum of 34 hours and a maximum of 50 hours may be taken in social work. A minimum of 36 hours is required in related area departments.</p> <p>Evaluation of social work transfer credits will be done by a social work adviser on an individual basis.</p>	<p><i>Addition: Proposed changes clarify the requirement that students must have a 2.5 GPA to graduate before they enter the field practicum in their Senior year.</i></p>

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
	<p>Social Work</p> <p>Related Area Requirements The following courses, or their alternatives, are required:</p> <p>Biology 1, General Biology, or 11, Introductory Biology I</p> <p>Econ 40, Introduction to the American Economy</p> <p>PolSci 11, Introduction to American Politics</p> <p>Psych 3, General Psychology</p> <p>Sociology 10, Introduction to Sociology 160, Social Psychology 220, Sociological Statistics</p> <p>Either Sociology 230, Research Methods and 231, Research Methods Lab or Social Work 330, Research Design in Social Work and one additional Biology course from the following:</p> <p>110, Human Biology 113, Human Physiology and Anatomy I 114, Human Physiology and Anatomy II 115, Human Heredity and Evolution 120, Environmental Biology 140, Female Sexuality</p>	

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
	<p>At least nine additional hours must be taken in social work, sociology, political science, psychology, women and gender studies, anthropology, criminology and criminal justice, or economics at the 100 level or above. Hours taken in social work will apply toward the maximum of 50 hours that may be taken in social work courses.</p> <p>After fulfilling the general education and specific major degree requirements, students are to take the remaining 29 hours at the university-level required to complete the Bachelor of Social Work degree in university courses from one or more of the following areas or their university-quality equivalents at other institutions: anthropology/archaeology, art (appreciation, history, studio), astronomy, biology, chemistry, communication, criminology and criminal justice, economics, English, foreign languages/literatures, geology, history, mathematics/computer science, music (appreciation, history, performance), philosophy, physics, political science, psychology, social work, sociology, women and gender studies, business, education, engineering, and interdisciplinary. The social work department may require students to pass a placement test in order to enroll in the next level course, provided this test or its equivalent is administered to all students seeking to enroll in that course.</p>	

Current Bulletin Listing:	Proposed Bulletin Listing:	Rationale:
<p>Note: Taking Anthropology, biological sciences, and Spanish courses is strongly recommended by graduate social work schools.</p>	<p>Social work majors must have a cumulative grade point average of 2.5 or better in all course work specifically required for the major, with satisfactory grades in practicum.</p> <p>Note: Taking anthropology, biological sciences, economics, and Spanish courses is strongly recommended by graduate social work schools.</p> <p>Requirements for the Minor in Social Work Candidates must complete the following social work courses: 100, Introduction to Social Services 150, Social Welfare as a Social Institution 210, Interventive Strategies in Social Work Practice 285, Social Issues and Social Policy Development and one course at the 200 level or above</p>	<p><i>Addition: An understanding of principles is recommended by graduate S.W. programs.</i></p>

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

Page 1 of 3

Chemistry
 Department

Signed: Gordon Anderson
 Department Chair

10/15/98
 Date

Arts & Science
 School or College

Signed: Martin Vayl (JC)
 Dean

12-10-98
 Date

ROUTING:

Academic Affairs LMM / 12-22-98
 Graduate School _____
 (if applicable) _____
 Senate C&I _____
 Senate _____
 Academic Affairs _____

Bachelor of Arts in Chemistry with Biochemistry Certificate
 Title of Degree/Minor/Certificate Program

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

Biology Robert Seely
 Page number(s) 126 and year 1998-99 of most recent Bulletin listing.

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Biochemistry Certificate

The University offers a certificate program for science majors who are interested in careers in biochemistry. The Biochemistry Certificate is an interdisciplinary specialization, which may be earned by completing the core requirements and either a chemistry track or a biology track. All students complete the following core requirements:

Biology 11: Introductory Biology I
 Biology 12: Introductory Biology II
 Biology 210: Cell Structure and Function
 Biology 224: Genetics
 Chemistry 11: Introductory Chemistry I
 Chemistry 12: Introductory Chemistry II
 Chemistry 122: Quantitative Analysis
 Chemistry 261: Structural Organic Chemistry
 Chemistry 262: Organic Reactions

Bachelor of Arts in Chemistry with a Biochemistry Certificate

The University offers a certificate program for science majors who are interested in careers in biochemistry. This is an interdisciplinary program that involves additional courses in biochemistry and biology. In addition to the usual requirements for the B. A. degree in chemistry, the student must take the following courses:

371: Biochemistry
 372: Advanced Biochemistry
 373: Biochemical Techniques

Chemistry 376: Interdisciplinary Topics in Biochemistry
 or Chemistry 377: Physical Biochemistry

The number of credits required for the certificate program has been reduced so that it (barely) fits within 120 credits and is now explicitly linked to a degree program. The course requirements for biology majors and for chemistry majors seeking to earn a Biochemistry certificate will be listed separately by department.

SEN: 7/88

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

Page 2 of 3

Chemistry
 Department

Signed: [Signature] 10/15/98
 Department Chair Date

Arts & Science
 School or College

Signed: [Signature] 12-10-98
 Dean Date

(Do Not Write in This Space)
 initials/date

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

Bachelor of Arts in Chemistry with Biochemistry Certificate
 Title of Degree/Minor/Certificate Program

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

Biology

Page number(s) 126 and year 1998-99 of most recent Bulletin listing.

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Chemistry 263: Techniques of Organic Chemistry

and one of the following biology courses:

216: Microbiology
 235: Development
 310: Cell Physiology
 326: Molecular Biology

Students choosing to complete the certificate through the biology track must take these additional courses:

Biology 376: Advanced Biological Chemistry
 Biology 378: Advanced Biological Chemistry Laboratory
 Biology 379: Senior Seminar

Biology 11: Introductory Biology I
 Biology 210: Cell Structure and Function
 Biology 224: Genetics

Biology 327: Introduction to Biotechnology
 or Biology 326: Gene Expression in Eukaryotes

Students may obtain a minor in biology by adding Biology 12 to the curriculum described above. The Biology department also offers a certificate in biochemistry.

SEN: 7/88

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

Page 3 of 3

Chemistry
 Department

Signed: *L. Anderson* 10/15/98
 Department Chair Date

Arts & Science
 School or College

Signed: *Martin Suge/G* 12-10-98
 Dean Date

(Do Not Write in This Space)
 initials/date

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

Bachelor of Arts in Chemistry with Biochemistry Certificate
 Title of Degree/Minor/Certificate Program

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

Biology
 Page number(s) 126 and year 1998-99 of most recent Bulletin listing.

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
Chemistry 230: Physical Chemistry for the Life Sciences Students choosing to complete the certificate through the chemistry track must take these additional chemistry courses: 231: Physical Chemistry I 232: Physical Chemistry II 233: Laboratory in Physical Chemistry 289: Senior Seminar 371: Biochemistry 372: Advanced Biochemistry 373: Biochemical Techniques		

SEN: 7/88

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

11/89

(Do Not Write in This Space)
initials/date

ROUTING:

Academic Affairs Lhm/12-22-98
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Page 1 of 2

Biology
Department

Signed: Richard Leiby 10/13/98
Department Chair Date

Arts & Sciences
School or College

Signed: Martin Dugg 12-10-98
Dean Date

Biochemistry Certificate

Title of Degree/Minor/Certificate Program

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

Gordon Andersen
Chemistry Department

Page number(s) 102, 287 and year 1998-99 of most recent Bulletin listing.

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Certificate is an interdisciplinary specialization which may be earned by completing the core requirements and either a chemistry track or a biology track. All students complete the following core requirements:

Chemistry
11, Introductory Chemistry I
12, Introductory Chemistry II
122, Quantitative Analysis
261, Structural Organic Chemistry

Biochemistry Certificate

The University offers a certificate program for science majors who are interested in careers in biochemistry. The Biochemistry Certificate is an interdisciplinary specialization which may be earned either within a biology major or a chemistry major. The requirements for earning a Biochemistry Certificate within the biology major are:

Biology
11, Introductory Biology I
12, Introductory Biology II
210, Cell Structure and Function
224, Genetics
371, Biochemistry or
Chem 371, Biochemistry
375, Techniques in Biochemistry (lab)
376, Topics in Biological Chemistry or
Chem 372, Advanced Biochemistry

The course requirements for biology majors and for chemistry majors seeking to earn a Biochemistry Certificate will be listed separately by Department.

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

262, Organic Reactions
263, Techniques of Organic Chemistry

and one of the following biology courses:

216, Microbiology
235, Development
310, Cell Physiology
326, Gene Expression in Eukaryotes

Students choosing to complete the certificate through the **biology track** must take these additional courses:

Biology

371, Biochemistry
375, Techniques in Biochemistry
376, topics in Biological Chemistry
378, Topics in Biological Chemistry Laboratory
389, Senior Seminar

Chemistry

230, Physical Chemistry for the Life Sciences

Students choosing to complete the certificate through the **chemistry track** must take these additional chemistry courses:

231, Physical Chemistry I
232, Physical Chemistry II
233, Laboratory in Physical Chemistry
289, Seminar
371, Biochemistry
372, Advanced Biochemistry
373, Biochemical Techniques

378, Topics in Biological Chemistry Lab or
Chem 373, Biochemical Techniques
389, Senior Seminar

Chemistry

11, Introductory Chemistry I
12, Introductory Chemistry II
122, Quantitative Analysis
261, Structural Organic Chemistry
262, Organic Reactions
263, Techniques of Organic Chemistry

and three of the following biology courses:

216, Microbiology
218, Microbiology Laboratory
235, Development
310, Cell Physiology
317, Immunobiology
326, Gene Expression in Eukaryotes
327, Introduction to Biotechnology
335, Molecular Cell Biology
338, Gene Expression in Prokaryotes

Course requirements for biology majors and for chemistry majors will now be listed separately by department.

Elective courses and options for students have been modified and expanded.

Eliminate Chemistry 230 as a requirement for Certificate. Course enrollments have made it difficult for the Department of Chemistry to offer on a regular basis.

Elimination of chemistry track information (will be listed separately under Chemistry Department)

SENATE PROPOSAL FORM FOR (CHECK ONE): () CHANGE IN DEGREE REQUIREMENTS
() CHANGE IN MINOR
(X) CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
Initials/Date

ROUTING:

Academic Affairs hmm 112-22-98
Graduate School _____
(if applicable) _____
Senate C&I _____
Senate _____
Academic Affairs _____

Page 1 of 4

English
Department

Signed: James Williams 10/26/98
Department Chair Date

Arts & Sciences
School or College

Signed: Martin Sage 12-10-98
Dean Date

Certificate in Writing Program

Title of Degree/Minor/Certificate Program

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

Page number(s) 291 and year 1998-99 of most recent Bulletin listing

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Writing Certificate

The Writing Certificate provides an opportunity for students to obtain a focused specialty in writing in addition to their major. A student may earn a Certificate in Writing by completing a total of 18 hours in writing courses chosen from the following:

CCJ 200, Writing in Criminology and Criminal Justice

Communication

212, Broadcast Writing and Reporting
217, Script Writing for Business and Industry

English

103, Poetry Writing
104, Short Story Writing
105, Play Writing
108, or Comm 108, Advertising
Copywriting
112, Topics in Writing

(DO NOT WRITE IN THIS SPACE)

Initials/Date

Signed: Martin Sage / JS 12-10-98
Dean Date

ROUTING:

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

Title of Degree/Minor/Certificate Program

Rationale:

213, Technical Writing
214 or Comm 214, News Writing
215, Feature Writing
216, Writing in the Sciences
218, Reporting
228 or Comm 228, Writing for Public Relations
300, Writing in the Professions
302, Writing Literary Criticism
303, Advanced Poetry Writing
304, Advanced Fiction Writing
305, Writing for Teachers
313, Advanced Business and Technical Writing
317, Topics in the Teaching of Writing
319, Editing
Required: English 320, Independent Writing Project. Students serve a supervised writing internship or work with the instructor to complete an extensive writing project.

SENATE PROPOSAL FORM FOR (CHECK ONE): () CHANGE IN DEGREE REQUIREMENTS
 () CHANGE IN MINOR
 (X) CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
 Initials/Date

Page 3 of 4

English
 Department

Signed: Jane Williamson 10/26/98
 Department Chair Date

Arts and Sciences
 School or College

Signed: Martin Lopez / Jo 12-10-98
 Dean Date

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

Certificate Program in Writing

Title of Degree/Minor/Certificate Program

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

Page number(s) 291 and year 1998-99 of most recent Bulletin listing

Current <u>Bulletin</u> listing:	Proposed <u>Bulletin</u> listing:	Rationale:
	<p>Technical Writing Emphasis The technical writing emphasis provides a more career-specific strategy for students enrolled in the Writing Certificate program. The technical writing emphasis is composed of three required courses: 213, Technical Writing 319, Editing 313, Advanced Business and Technical Writing OR 320, Independent Writing Project</p> <p>In addition, students take three electives for a total of 18 hours chosen from the following: Business Administration 103, Computers and Computer Information 205, Contemporary Business Communication Communication 65, Introduction to Information Technology</p>	<p>The technical writing emphasis provides a more career-specific, alternate strategy for students enrolled in the Writing Certificate program. Technical Writing is one of the fastest growing professions in the country. While there are many employers of technical writers in the St. Louis area, currently there are no academic programs available to educate people for those jobs. This list of courses is designed to introduce students to the profession of technical writing and provide them with the skills and education they will need to succeed in entry-level technical writing positions.</p>

SENATE PROPOSAL FORM FOR (CHECK ONE): () CHANGE IN DEGREE REQUIREMENTS
() CHANGE IN MINOR
(X) CHANGE IN CERTIFICATE PROGRAM

(DO NOT WRITE IN THIS SPACE)
Initials/Date

ROUTING:

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

Page 4 of 4

English _____
Department _____
Arts & Sciences _____
School or College _____

Signed: Joan Williams 10/26/98
Department Chair
Signed: Martin Lopez 12-10-98
Dean Date

Certificate in Writing Program

Title of Degree/Minor/Certificate Program

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

Page number(s) 291 and year 1998-990 of most recent Bulletin listing

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Computer Science
125, Introduction to Computer Science
(Prerequisite: Math 30, College Algebra)
English
212, Business Writing
214, News Writing
215, Feature Writing
216, Writing in the Sciences
228, Public Relations Writing
313, Advanced Business and Technical
Writing (if 320 is taken as requirement)
320, Independent Writing Project (if 313
is taken as requirement)

Courses taken to fulfill requirements
for the Writing Certificate may not be
taken on a satisfactory/unsatisfactory
basis.

<p>SENATE PROPOSAL FORM FOR (check one): () CHANGE IN DEGREE REQUIREMENTS () CHANGE IN MINOR (X) CHANGE IN CERTIFICATE PROGRAM <i>m89</i> (See Instructions on Reverse)</p> <p>Page <u>1</u> of <u>4</u></p> <p>Center for Trauma Recovery Department</p> <p>Signed: <i>[Signature]</i> <u>10/22/98</u> Department Chair Date</p> <p>Arts & Sciences Department</p> <p>Signed: <i>[Signature]</i> <u>12-10-98</u> Dean Date</p> <p style="text-align: center;">Trauma Studies Certificate Title of Degree/Minor/Certificate Program</p>		<p>DO NOT WRITE IN THIS SPACE</p> <p style="text-align: right;">Initials/Date</p> <p>ROUTING:</p> <p>Academic Affairs <u>Lmm / 17-27-98</u></p> <p>Graduate School <u>/</u></p> <p>(if applicable)</p> <p>Senate C&I <u>/</u></p> <p>Senate <u>/</u></p> <p>Academic Affairs <u>/</u></p>
<p>Are other departments likely to be affected by this change? () no () yes – list departments and secure sign-offs</p>		
<p>Page number(s) <u>291-292</u> and year <u>1998-99</u> of most recent Bulletin listing.</p>		
<p>Current Bulletin listing:</p>	<p>Proposed Bulletin listing:</p> <p>The Trauma Studies Certificate is designed for students who are interested in a focused specialty in trauma studies or victim services in addition to their own major. It is appropriate for students in the College of Arts and Sciences or any of the Schools of the University. It is particularly appropriate for students wishing to pursue careers in psychology, social work, sociology, criminology, law, public health or nursing.</p> <p><u>Requirements</u></p> <p>A student may earn a Trauma Studies Certificate by completing 18 hours with a GPA of 2.0 or better from at least three departments from the following courses:</p>	
<p>Rationale:</p>		

Senate Proposal Form for: Change in Certificate Program

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Current Bulletin listing:	Proposed Bulletin listing:	Rationale:
<p>Psychology 295, Selected Projects in Field Placement: Helping Victims of Crime</p> <p>Interdisciplinary 310, Child Abuse and Neglect: An Interdisciplinary Approach</p>	<p>Students must complete at least 12 hours from the following group:</p> <p>CCJ 120, Criminal Law</p> <p>CCJ 300, Communities and Crime</p> <p>CCJ 350, Victimology</p> <p>Nursing 370, Topics in Nursing (Women at Risk: Women and Safety)</p> <p>Psychology 232, Psychology of Victims</p> <p>Psychology 280, The Psychology of Death and Dying</p> <p>Psychology 295, Selected Projects in Field Placement: Helping Victims of Crime (for three credits only toward certificate)</p> <p>Psychology 390, Directed Studies, if trauma-related topic (for three credits only toward certificate). Please seek approval of the Coordinator of the Trauma Studies Certificate in advance.</p> <p>Social Work 310, Abused and Neglected Children</p> <p>Social Work 322, Child Welfare Practicum Seminar</p> <p>Sociology 278, Sociology of Law</p>	<p>Only three credit hours will count towards the certificate.</p> <p>Add to the certificate & count for three credit hours only upon approval from Coordinator.</p> <p>Change of Name by Social Work department</p> <p>Add Social Work 322 to the certificate</p>

Current Bulletin listing:	Proposed Bulletin listing:	Rationale:
	<p>Only one of the following highly recommended courses may be counted toward the Trauma Studies Certificate:</p> <p>Psychology 161, Helping Relationships</p> <p>Social Work 210, Introduction to Interventive Strategies for Social Work Practice</p> <p>Students may count up to six hours from the following group toward the Trauma Studies Certificate:</p> <p>CCJ 230, Crime Prevention</p> <p>CCJ 240, Policing</p> <p>CCJ 340, Race, Crime, and Justice (same as Sociology 340)</p> <p>Political Science 140, Public Administration</p> <p>Political Science 242, Introduction to Public Policy</p> <p>Political Science 394, Leadership and Management in Nonprofit Organizations (same as Social Work 308 and Sociology 308)</p> <p>Psychology 160, Social Psychology (same as Sociology 160)</p> <p>Psychology 230, Psychology of Women</p> <p>Psychology 235, Community Psychology</p> <p>Psychology 245, Abnormal Psychology</p>	<p>Add Psychology 230 to the certificate.</p>

Current Bulletin listing:	Proposed Bulletin listing:	Rationale:
	<p>Social Work 275, Stress and Stress Management</p> <p>Social Work 308, Leadership and Management in Nonprofit Organizations (same as Political Science 394 & Sociology 308)</p> <p>Social Work 312, Women's Social Issues</p> <p>Social Work 314, Social Work with Culturally Diverse Populations</p> <p>Sociology 102, Sex Roles in Contemporary Society</p> <p>Sociology 160, Social Psychology (same as Psychology 160)</p> <p>Sociology 175, Women, Crime, and Society</p> <p>Sociology 214, Juvenile Delinquency and Youth Crimes</p> <p>Sociology 268, The Sociology of Conflict</p> <p>Sociology 308, Leadership and Management in Nonprofit Organizations (same as Political Science 394 & Social Work 308)</p> <p>Sociology 340, Race, Crime, and Justice (same as Criminology & (Criminal Justice 340)</p> <p>Special Topics courses relevant to trauma studies may be included in the Certificate when approved in advance by the Coordinator of the Trauma Studies Certificate.</p>	<p>Add Social Work 275 to the certificate.</p> <p>Add Social Work 314 to the certificate.</p>

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

(Do Not Write in This Space)
initials/date

ROUTING:

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

hmm/12-22-98

Page 1 of 2

Biology
Department

Signed:

Department Chair

12/13/98

Date

Arts & Sciences
School or College

Signed:

Dean

12-10-98

Date

Undergraduate Certificate in Biotechnology

Title of Degree/Minor/Certificate Program

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

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& 287

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

Undergraduate Certificate in Biotechnology

The University offers an undergraduate certificate program for biology majors who are interested in careers in biotechnology including biochemistry, microbiology, molecular biology, cell biology, developmental biology, and molecular evolution.

Requirements

Undergraduate biology majors must enroll in the Biotechnology Certificate Program after the completion of 60 credit hours. A student will receive the Certificate in Biotechnology by completing the requirements for the bachelor's degree and fulfilling all the science (Biology, Chemistry, Math, and Computer Science) course requirements of the B.S. in biology program. The required biology courses for the certificate are:

Biology

216, Microbiology

218, Microbiology Laboratory

SEN: 7/88

Current Bulletin listing:

Proposed Bulletin listing:

Rationale:

328, Techniques in Molecular Biology

**226, Genetics Laboratory
327, Introduction to Biotechnology
375, Techniques in Biochemistry**

Addition in required new course; change in course from required to elective

One of the following two courses:

**Biology
326, Gene Expression in Eukaryotes
338, Gene Expression in Prokaryotes**

One of the following four courses:

**Biology
317, Immunobiology
335, Molecular Cell Biology
334, Virology
376, Topics in Biological Chemistry, or
Chemistry 372, Advanced Biochemistry**

One of the following five courses:

**Biology
317, Immunobiology
328, Techniques in Molecular Biology
334, Virology
335, Molecular Cell Biology
376, Topics in Biological Chemistry, or
Chemistry 372, Advanced Biochemistry**

Addition of course to allow more flexibility in elective choices for certificate.