Graduate Council
Minutes
3/24/06

Members Present: Dr. John Bentley (ex-officio), Ms. Darlene Dempster, Dr. Maurice Eftink (ex-officio), Dr. Timothy Letzring, Dr. David Nichols, Dr. Tyrus McCarty (ex-officio), Dr. Julia Rholes (ex-officio), Dr. John Rimoldi, Dr. William Scott, Dr. Dawn Wilkins and Dr. Christy Wyandt (ex-officio).

Members Absent: Dr. Donna Davis, Dr. Jeffrey Hallam, Dr. Charlie Noble and Dr. Karen Raber

1. On a motion by Dr. Wilkins seconded by Ms. Dempster, the minutes of the meeting of 2/10/06 were approved.

2. Items from the College of Liberal Arts

On a motion by Dr Rimoldi seconded by Dr. Letzreing the following requests from the Department of Chemistry and Biochemistry were approved.

CHANGE: CHEM 501, 502. ADVANCED INORGANIC CHEMISTRY I, II. Atomic and molecular structure; chemical bonds; solvent systems; reactions of the elements and their compounds. Prerequisites: Chemistry 222, 226, and 331 (3).

TO: CHEM 501 601. ADVANCED INORGANIC CHEMISTRY I. Atomic and molecular structure, symmetry, acid-base chemistry, the crystalline solid state, coordination chemistry; including structure, bonding, electronic spectra and reactions; main group chemistry; organometallic chemistry; and bioinorganic chemistry. Prerequisites: Chemistry 222, 226, and 331 (3).

TO: CHEM 502 602. ADVANCED INORGANIC CHEMISTRY II. Atomic and molecular structure; chemical bonds; solvent systems; reactions of the elements and their compounds. Continuation of CHEM 601. Prerequisites: Chemistry 222, 226, and 331 (3).

CHANGE: CHEM 503. INORGANIC TECHNIQUES. Survey of some of the most important laboratory techniques for the inorganic chemist, including vacuum line design, construction, and operation. (6 lab hours). (3).

TO: CHEM 503–603. INORGANIC TECHNIQUES. Survey of some of the most important laboratory techniques for the inorganic chemist, including vacuum line design, construction, and operation. (6 lab hours). (3).

DELETE: CHEM 505. RADIATION CHEMISTRY.
DELETE: CHEM 507. NUCLEAR CHEMISTRY.

CHANGE: CHEM 512. ADVANCED INSTRUMENTAL ANALYSIS. Theoretical and experimental treatment of chromatography, Fourier-transform NMR, mass spectrometry, and electrical techniques. Prerequisite: CHEM 469 (2 lecture, 3 lab hours). (3).

TO: CHEM 512. ADVANCED INSTRUMENTAL ANALYSIS. Theoretical and experimental treatment of gas and liquid chromatography, Fourier-transform NMR spectroscopy, and mass spectrometry, and electrical techniques. Prerequisite: CHEM 469 or graduate standing (2 lecture, 3 lab hours). (3).

CHANGE: CHEM 513. PRINCIPLES OF ANALYTICAL CHEMISTRY. Theoretical and mathematical applications of principles of equilibria. Prerequisite: departmental approval. (3).

TO: CHEM 513. PRINCIPLES OF ANALYTICAL CHEMISTRY. A survey of the basic principles of analytical techniques and instrumentation. Theoretical and mathematical applications of principles of equilibria. Prerequisite: departmental approval. (3).

CHANGE: CHEM 514. FUNDAMENTALS OF ELECTROCHEMISTRY. Introduction to the theory and principles of electrochemistry, including modern electroanalytical techniques. (3).

TO: CHEM 514. FUNDAMENTALS OF ELECTROCHEMISTRY. Introduction to the theory and principles of electrochemistry, including modern electroanalytical techniques and microelectrodes. Prerequisites: CHEM 469 or graduate standing (3).

CHANGE: CHEM 515. **SELECTED TOPICS IN ANALYTICAL CHEMISTRY. (3).

TO: CHEM 515-615. SELECTED TOPICS IN ANALYTICAL CHEMISTRY. May be repeated once for credit if topics are different. Prerequisite: departmental approval. (3).

CHANGE: CHEM 517, 518. RESEARCH METHODOLOGY IN ANALYTICAL CHEMISTRY I, II. Modern techniques and methods of research in analytical chemistry. (6 lab hours). (3, 3).

TO: CHEM 517-617. RESEARCH METHODOLOGY IN ANALYTICAL CHEMISTRY I. Modern techniques and methods of research in analytical chemistry. (6 lab hours). (3).

TO: CHEM 518-618. RESEARCH METHODOLOGY IN ANALYTICAL CHEMISTRY II. Continuation of CHEM 617. (6 lab hours). (3).

CHANGE: CHEM 519. CHEMICAL SEPARATIONS. Theoretical and mathematical treatment of chromatography and other separation techniques. Prerequisite: CHEM 469. (3).
TO: **CHEM 519. CHEMICAL SEPARATIONS.** Theoretical and mathematical treatment of chromatography and other separation techniques. Prerequisite: CHEM 469 or graduate standing. (3).

CHANGE: **CHEM 522. ORGANIC TECHNIQUES.** Important research techniques in organic chemistry and preparation of selected materials in their use. (3)

TO: **CHEM 522-622. ORGANIC TECHNIQUES.** Important research techniques in organic chemistry and preparation of selected materials in their use. (3)

CHANGE: **CHEM 524. INTERMEDIATE ORGANIC CHEMISTRY.** Integration of the basic principles of organic chemistry with physical chemical principles. Prerequisite: departmental approval. (3)

TO: **CHEM 524. INTERMEDIATE PRINCIPLES OF ORGANIC CHEMISTRY.** A survey integration of the basic principles of organic chemistry with physical chemical principles. Prerequisite: departmental approval. (3)

CHANGE: **CHEM 525. SELECTED TOPICS IN ORGANIC CHEMISTRY.** Prerequisite: 528 or consent of instructor. (3).

TO: **CHEM 525-625. SELECTED TOPICS IN ORGANIC CHEMISTRY.** May be repeated once for credit if topics are different. Prerequisite: departmental approval. Prerequisite: 528 or consent of instructor. (3).

CHANGE: **CHEM 527. ADVANCED ORGANIC CHEMISTRY, STRUCTURE AND MECHANISM.** Resonance and molecular orbital theory, linear free energy relations, and reaction mechanisms. Prerequisites: CHEM 222, 226, and 331. (3).

TO: **CHEM 527. ADVANCED ORGANIC CHEMISTRY, STRUCTURE AND MECHANISM.** Resonance and molecular orbital theory, linear free energy relations, and reaction mechanisms. Prerequisites: CHEM 222, 226, and 331 or graduate standing (3).

CHANGE: **CHEM 528. ADVANCED ORGANIC CHEMISTRY, MECHANISM AND SYNTHESIS.** Conformational analysis, electron-deficient arrangements, carbanion chemistry, photochemistry, synthetic reactions. Prerequisites: CHEM 222, 226, and 331 (3).

TO: **CHEM 528. ADVANCED ORGANIC CHEMISTRY, MECHANISM AND SYNTHESIS.** Conformational analysis, electron-deficient arrangements, carbanion chemistry, photochemistry, synthetic reactions. Prerequisites: CHEM 222, 226, and 331 or graduate standing. (3).

CHANGE: **CHEM 529. STEREOCHEMISTRY.** Configurational and conformational analysis of molecules; the steric course of organic chemical reactions. Prerequisites: CHEM 222, 226, and 331 (3).
TO: CHANGE: **CHEM 529. STEREOCHEMISTRY.** Configurational and conformational analysis of molecules; the steric course of organic chemical reactions. Prerequisites: CHEM 222, 226, and 331 or graduate standing. (3).

CHANGE: **CHEM 530. ADVANCED ORGANIC SYNTHESIS.** A study of the literature, reactions, and planning methods which are used in modern organic synthesis. Prerequisites: CHEM 222, 226, and 331 (3).

TO: **CHEM 530. ADVANCED ORGANIC SYNTHESIS.** A study of the literature, reactions, and planning methods which are used in modern organic synthesis. Prerequisites: CHEM 222, 226, and 331 or graduate standing. (3).

CHANGE: **CHEM 531. ADVANCED PHYSICAL CHEMISTRY, QUANTUM CHEMISTRY.** Elementary quantum chemistry; solution of the Schrodinger equation for simple chemical systems; molecular orbital theory. Prerequisites: CHEM 332 or 538. (3).

TO: **CHEM 531. ADVANCED PHYSICAL CHEMISTRY, QUANTUM CHEMISTRY.** Elementary quantum chemistry; solution of the Schrodinger equation for simple chemical systems; molecular orbital theory. Prerequisites: CHEM 332 or 538 or graduate standing (3).

CHANGE: **CHEM 532. ADVANCED PHYSICAL CHEMISTRY, CHEMICAL THERMODYNAMICS.** Rigorous discussion of irreversible and equilibrium thermodynamics and application to various chemical problems. Prerequisites: CHEM 332 or 538. (3).

TO: **CHEM 532. ADVANCED PHYSICAL CHEMISTRY, CHEMICAL THERMODYNAMICS.** Rigorous discussion of irreversible and equilibrium thermodynamics and application to various chemical problems. Prerequisites: CHEM 332 or 538 or graduate standing (3).

CHANGE: **CHEM 533. SELECTED TOPICS IN PHYSICAL CHEMISTRY.** Prerequisite: CHEM 536. (3).

TO: **CHEM 533. SELECTED TOPICS IN PHYSICAL CHEMISTRY.** May be repeated once for credit if topics are different. Prerequisite: CHEM 536 or departmental approval. (3).

CHANGE: **CHEM 535. INTERMEDIATE PHYSICAL CHEMISTRY I.** Overview of principles in physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy, statistical mechanics. Prerequisite: MATH 262, CHEM 334 or departmental approval. (3).

TO: **CHEM 535. INTERMEDIATE PRINCIPLES OF PHYSICAL CHEMISTRY I.** A survey of the principles in physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy, statistical mechanics. Prerequisite: MATH 262, CHEM 334 or departmental approval. (3).
CHANGE: **CHEM 536. ADVANCED PHYSICAL CHEMISTRY, REACTION DYNAMICS.** Kinetic theory; molecular reaction dynamics; theory of liquids and solutions. Prerequisite: CHEM 332 or 538. (3).

**TO:** CHEM 536. ADVANCED PHYSICAL CHEMISTRY, REACTION DYNAMICS. Kinetic theory; molecular reaction dynamics; theory of liquids and solutions transition state theory. Prerequisite: CHEM 332 or 538 or graduate standing. (3).

CHANGE: **CHEM 538. INTERMEDIATE PHYSICAL CHEMISTRY II.** Continuation of an overview of principles in physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy, and statistical mechanics. Prerequisite: CHEM 535. (3).

**TO:** CHEM 538. INTERMEDIATE PRINCIPLES OF PHYSICAL CHEMISTRY II. Continuation of an overview a survey of the principles in physical chemistry. Thermodynamics, kinetics, quantum mechanics, spectroscopy, and statistical mechanics. Prerequisite: minimum grade of B in CHEM 535 and departmental approval. (3).

CHEM 541. **SELECTED TOPICS IN INORGANIC CHEMISTRY.** Prerequisite: CHEM 502. (3).

**CHEM 541-641. SELECTED TOPICS IN INORGANIC CHEMISTRY.** May be repeated once for credit if topics are different. Prerequisite: CHEM 502 or departmental approval. (3).

CHANGE: **CHEM 544. CHEMICAL APPLICATIONS OF GROUP THEORY.** Introduction to the principles of symmetry and group theory and their application to the description of molecular structure in terms of the chemical bonding models (VB, MO, LF) and spectral properties (magnetic, vibrational, and electronic) Prerequisites: CHEM 222, 226, and 331. (3).

**TO:** CHEM 544. CHEMICAL APPLICATIONS OF GROUP THEORY. Introduction to the principles of symmetry and group theory and their application to the description of molecular structure in terms of the chemical bonding models (VB, MO, LF) and spectral properties (magnetic, vibrational, and electronic) Prerequisites: CHEM 222, 226, and 331 or graduate standing. (3).

CHANGE: **CHEM 545. CHEMICAL LITERATURE.** Introduction to and practice in the use of chemical abstracts, journals, and other library reference materials. (3). (Z grade).

**TO:** CHEM 545. CHEMICAL LITERATURE. Introduction to and practice in the use of chemical abstracts, journals, and other library reference materials. Prerequisite: departmental approval. (3). (Z grade).

CHANGE: **CHEM 546, 547. CHEMISTRY FOR HIGH SCHOOL SCIENCE TEACHERS I, II.** A review of the basic principles of chemistry and an overview of new, technology, instructional materials, and methods used for teaching chemistry at the high school level. Appropriate for high school teachers seeking certificate renewal or supplemental endorsement.
Prerequisite: CHEM 106. (May not be counted toward a degree in the sciences. May be repeated once for credit.) (3,3).

TO: CHEM 546. CHEMISTRY FOR HIGH SCHOOL SCIENCE TEACHERS I. A review of the basic principles of chemistry and an overview of new, technology, instructional materials, and methods used for teaching chemistry at the high school level. Appropriate for high school teachers seeking certificate renewal or supplemental endorsement. May not be counted toward a degree in the sciences. May be repeated once for credit. Prerequisite: CHEM 106 departmental approval (3).

TO: CHEM 547. CHEMISTRY FOR HIGH SCHOOL SCIENCE TEACHERS II. A review of the basic principles of chemistry and an overview of new, technology, instructional materials, and methods used for teaching chemistry at the high school level. Appropriate for high school teachers seeking certificate renewal or supplemental endorsement. May not be counted toward a degree in the sciences. May be repeated once for credit. Prerequisite: CHEM 106 departmental approval (3).

CHANGE: CHEM 548. WORKSHOP FOR MIDDLE SCHOOL SCIENCE TEACHERS. Selection and application of instructional materials and methods for secondary school chemistry. (May not be counted toward a degree in the sciences.) (1-2).

TO: CHEM 548. WORKSHOP FOR MIDDLE SCHOOL SCIENCE TEACHERS. Selection and application of instructional materials and methods for secondary school chemistry. May not be counted toward a degree in the sciences. Prerequisite: departmental approval (1-2).

CHANGE: CHEM 550. SAFETY IN THE CHEMICAL LABORATORY. Assigned readings and demonstrations on the use and handling of hazardous chemicals and chemical apparatus. (3). (Z grade).

TO: CHEM 550. SAFETY IN THE CHEMICAL LABORATORY. Assigned readings and demonstrations on the use and handling of hazardous chemicals and chemical apparatus. Prerequisite: departmental approval. (3). (Z grade).

CHANGE: CHEM 563. APPLIED SPECTROSCOPY. Application of theoretical principles to the interpretation of various types of spectroscopy. Prerequisite: CHEM 469. (2 lecture, 3 lab hours). (3).

TO: CHEM 563. APPLIED SPECTROSCOPY. Application of theoretical principles to the interpretation of various types of spectroscopy. Prerequisites: CHEM 332 and 469; or graduate standing. (2 lecture, 3 lab hours). (3).

CHANGE: CHEM 570. BIOCHEMISTRY I. Overview of biochemical principles; chemistry of aqueous solutions, amino acids, carbohydrates, lipids, and nucleotides; structure and function of proteins, membranes, and nucleic acids; enzyme kinetics. Prerequisite: consent of instructor. (3).
TO: CHEM 570-671. BIOCHEMISTRY I. Overview of biochemical principles: chemistry of aqueous solutions, amino acids, carbohydrates, lipids, and nucleotides; structure and function of proteins, membranes, and nucleic acids; enzyme kinetics. Chemistry of biological macromolecules, including proteins, carbohydrates, lipids, and nucleic acids. Special topics in ligand binding, kinetics and noncovalent forces. An independent study project is required. Prerequisite: consent of instructor. (3).

CHANGE: CHEM 571. PHYSICAL BIOCHEMISTRY. Macromolecules: structure and function; thermodynamics and kinetics of confrontational transitions and macromolecule-ligand interactions. Prerequisite: CHEM 471 or 575 or consent of instructor. (3).

TO: CHEM 574-534. PHYSICAL BIOCHEMISTRY. Macromolecules: structure and function; thermodynamics and kinetics of confrontational transitions and macromolecule-ligand interactions. Prerequisite: CHEM 471 or 575 or consent of instructor. CHEM 471 and either 331 or 334; or graduate standing. (3).

CHANGE: CHEM 572. BIOCHEMISTRY II. Bioenergetics; anaerobic and aerobic metabolism; lipid and protein metabolism; regulatory mechanism; replication, transcription, and translation of genetic information; molecular physiology. Prerequisite: CHEM 570. (3).

TO: CHEM 572-673. BIOCHEMISTRY II. Bioenergetics; anaerobic and aerobic metabolism; lipid and protein metabolism; regulatory mechanism; replication, transcription, and translation of genetic information; molecular physiology. Intermediary metabolism, including catabolic and anabolic processes involving carbohydrates, lipids, proteins, and nucleic acids. An independent study project is required. Prerequisite: CHEM 671. (3).

CHANGE: CHEM 573. ** SELECTED TOPICS IN BIOCHEMISTRY. (3).

TO: CHEM 573-674. SELECTED TOPICS IN BIOCHEMISTRY. May be repeated once for credit if topics are different. Prerequisite: departmental approval. (3).

CHANGE: CHEM 578. BIOCHEMICAL TECHNIQUES. Specialized laboratory methodology currently used in biochemistry. Prerequisite: CHEM 471; CHEM 571 or CHEM 575. (6 lab hours). (4).

TO: CHEM 578-672. BIOCHEMICAL TECHNIQUES. Specialized laboratory methodology currently used in biochemistry. Prerequisite: CHEM 471, CHEM 571 or CHEM 575. (6 lab hours). (4).

CHANGE: CHEM 580, 581. MOLECULAR BIOCHEMISTRY I, II. Examination of the organization of and functional mechanisms of gene expression at the molecular level. Prerequisite: CHEM 473 or 572. (3, 3).

TO: CHEM 580. MOLECULAR BIOCHEMISTRY I. Examination of the organization of and functional mechanisms of gene expression at the molecular level. Prerequisite: CHEM 473 or 572. CHEM 222 and 226; or graduate standing. (3).
TO: **CHEM 581. MOLECULAR BIOCHEMISTRY II.** Continuation of CHEM 580. Prerequisite: CHEM 473 or 572. CHEM 222 and 226; or graduate standing. (3).

CHANGE: **CHEM 677. PROTEIN STRUCTURE.** Discussion of forces involved in protein folding; overview of experimental and computational methods used to determine protein structure and homologies. Prerequisite: CHEM 471 or CHEM 570. (3).

TO: **CHEM 677. PROTEIN STRUCTURE.** Discussion of forces involved in protein folding; overview of experimental and computational methods used to determine protein structure and homologies. Prerequisite: CHEM 471 or CHEM 570 (3).

On a motion by Dr. Wilkin seconded by Dr. Rimoldi, the following request from the Department of Music was approved.

ADD: **MUS 193, 293, 393, 493, 593. SUMMER OPERA.** Development of performance techniques specific to music theatre form; movement and gesture, improvisation, musical style and structure, vocal technique, development of listening and ensemble skills. (1,1,1,1,1).

On a motion by Dr. Letzring seconded by Dr. Wilkins the following requests from the Department of Physics and Astronomy were approved.


Change: **PHYS 612. QUANTUM MECHANICS II.** Continuation of Quantum Mechanics I. Prerequisite: PHYS 611. Corequisite: PHYS 618. (3).

To: **PHYS 612. QUANTUM MECHANICS II.** Continuation of Quantum Mechanics I. Prerequisite: PHYS 611. Corequisite: PHYS 618 (3).

Change: **PHYS 621. ADVANCED ELECTROMAGNETIC THEORY I.** Electromagnetic waves, scattering and dispersion, and advanced boundary value problems. (3).

Change: **PHYS 625. SOLID STATE PHYSICS I.** Properties of solids and solid state theory, lattices, lattice imperfections and vibrations, cohesive energy, band structure, magnetism, transport and optical properties. (3).

To: **PHYS 625. SOLID STATE PHYSICS I.** Properties of solids and solid state theory, lattices, lattice imperfections and vibrations, cohesive energy, band structure, magnetism, transport and optical properties. **Corequisite:** PHYS 611, (3).

Change: **PHYS 627. ADVANCED THERMODYNAMICS AND STATISTICAL MECHANICS I.** Theory and applications of the laws of thermodynamics and statistical mechanics from the classical and quantum viewpoints. (3).

To: **PHYS 627. ADVANCED THERMODYNAMICS AND STATISTICAL MECHANICS I.** Theory and applications of the laws of thermodynamics and statistical mechanics from the classical and quantum viewpoints. **Corequisite:** PHYS 611 (3).

On a motion by Dr. Rimoldi seconded by Ms. Dempster following request from the Department of Political Science was approved.

CHANGE: **POL 635. INTERNATIONAL CONFLICT IN THE NUCLEAR AGE.** Analysis of constraints and options regarding the use of military force in the nuclear era. Subjects include possible forms of nuclear and limited war, escalation models, and coercive bargaining techniques. (3).

TO: **POL 635. INTERNATIONAL CONFLICT IN THE NUCLEAR AGE.** Analysis of the causes, duration, resolution, and outcomes of interstate wars, constraints and options regarding the use of military force in the nuclear era. Subjects include possible forms of nuclear and limited war, escalation.

On a motion by Dr. Letzring seconded by Ms. Dempster the following request from the department of Theatre Arts was approved.

DELETE: **THEA 505, 506. MOTION PICTURE TECHNIQUES I, II.** Methods and practices for the film performer. **Prerequisite:** consent of instructor. (3, 3).

DELETE: **THEA 521. THE BLACK PLAYWRIGHT IN AMERICA.** Development of black playwrights in American drama. (3).

DELETE: **THEA 540. ADVANCED COLOR THEORY FOR DESIGNERS.** Advanced study of color as it applies to conceptualization and affects theatrical design. (3).

DELETE: **THEA 541. ADVANCED PROPERTY DESIGN AND CONSTRUCTION.** Advanced study of property design and construction techniques typically used by working artisans. (3).

DELETE: **THEA 542. ADVANCED COMMUNICATION FOR DESIGNERS.** In-depth discussion and practical exercises designed to increase the theatrical designer’s ability to
communicate with directors, performers, producers, and the various shops that will execute designs. (3).

DELETE:  **THEA 543. RENDERING FOR THE THEATRE.** Exercises to improve rendering techniques by exploring a variety of media and styles. (3).

DELETE:  **THEA 544. COSTUME SHOP MANAGEMENT.** Techniques for managing budgets, crew labor, work flow, fittings schedules, and other duties associated with effective management of a costume shop. (3).

DELETE:  **THEA 545. THREE-DIMENSIONAL DESIGN.** Exercises designed to enhance the student’s knowledge of and ability to use a variety of media typically employed to fabricate three-dimensional items used in a theatre. (3).

DELETE:  **THEA 546. ADVANCED COSTUME CRAFTS.** Advanced study of costume craft techniques and products used to satisfy special costume needs, including mask-making, fabric painting and dyeing, and special millinery skills. (3).

DELETE:  **THEA 547. ADVANCED COSTUME CONSTRUCTION.** In-depth study of common construction techniques used to create garments, treatments used for finish work, and closures. (3).

DELETE:  **THEA 548. PATTERN MAKING.** Study of techniques used in creating basic patterns. (3).

DELETE:  **THEA 561. ADVANCED ACTING.** Intensive exploration of acting problems, approaches and techniques. Combines lectures on acting theory with applied studio work. (3).

DELETE:  **THEA 562. ADVANCED STAGE MOVEMENT.** Studies in movement techniques for the advanced actor. (3).

DELETE:  **THEA 565. ADVANCED VOICE AND DICTION.** Methods of production; analysis and training of each student’s voice; attention to individual career goals. (3).

DELETE:  **THEA 566. ADVANCED ORAL INTERPRETATION FOR THE ACTOR.** Analysis and delivery of line studies and complete character studies of varying types and from various historical periods. Prerequisite: consent of instructor. (3).

DELETE:  **THEA 569. ORIGINAL PERFORMANCE STUDIES.** A study in the creation of original performance works. Solo and group studies with nontraditional texts. (3).

DELETE:  **THEA 570. SCENIC PAINTING FOR THE THEATRE.** Historical and modern theories and techniques of scenic painting for the theatre. (3).

DELETE:  **THEA 571. ADVANCED THEATRE DESIGN GRAPHICS.** Exploration of the theory and techniques of drawing, composition and color as applied to design graphics for the theatre. (3).

DELETE:  **THEA 572. ADVANCED STAGE COSTUMING.** Special problems in applied costume design, theory, and practice. Prerequisite: consent of instructor. (3).
DELETE: **THEA 573. ADVANCED STAGE LIGHTING.** The history, properties and functions of stage lighting, including production styles, script analysis, lighting formulae, psychological implications of light, color, space and form, composition. (3).

DELETE: **THEA 576. HISTORY OF DRESS AND DÉCOR I.** Historical survey of period styles in dress and décor as relevant to theatre arts from ancient Egypt to 1600. (3).

DELETE: **THEA 579. HISTORY OF DRESS AND DÉCOR II.** Historical survey of trends, innovations, and developments in the history of dress and décor from 1600 to the present, as pertaining to theatre arts. (3).

DELETE: **THEA 581. ADVANCED DIRECTING.** All phases of theatre work; current theories of production; preparation of director’s prompt book. Prerequisite: consent of instructor. (3).

DELETE: **THEA 582. ADVANCED DIRECTING TECHNIQUES.** All phases of theatre work; current theories of production; preparation of production book. Prerequisite: consent of instructor. (3).

DELETE: **THEA 585. THEATRE MANAGEMENT.** Promotion, finance and organization of educational, professional, and community theatre; practical experience in university and experimental theatre. (3).

DELETE: **THEA 603. DIRECTED STUDY.** (May be repeated for credit). (3).

DELETE: **THEA 620. STUDIES IN THEATRE LITERATURE.** Detailed study of some one period or figure. (May be repeated for credit). (3).

DELETE: **THEA 621. BIBLIOGRAPHY AND RESEARCH.** Introduction to graduate study in the theatre arts. (3).

DELETE: **THEA 623. DRAMATIC THEORY.** An intensive study of major dramatic forms and their structural principles as they relate to the total art form. (3).

DELETE: **THEA 624. DEVELOPMENT OF THEATRE I.** Lecture/seminar. Major trends and movements in theatre from the Greek period to 1850. (3).

DELETE: **THEA 625. DEVELOPMENT OF THEATRE II.** Lecture/seminar. Major trends and movements in theatre from 1850 to 1920. (3).

DELETE: **THEA 626. DEVELOPMENT OF THEATRE III.** Lecture/seminar. Major trends and movements in theatre from 1920 to the present. (3).

DELETE: **THEA 627. MODERN DRAMA IN TRANSLATION.** Development of European drama and dramatists forming the background of the last half of the 20th century. (3).

DELETE: **THEA 628. MODERN THEATRE PRACTICES.** Current operations and artistic organization of commercial, educational, and community theatre in the United States. Emphasis on production personnel policies and practices. (3).

DELETE: **THEA 641. SCENIC DESIGN STYLES.** Exploration and implementation of visual design styles and historical period styles through design projects based on individual studio practice. Prerequisite: consent of instructor. (3).
DELETE: THEA 642. COSTUME DESIGN FOR FILM AND TELEVISION. Designing costumes for video, television, and film. (3).

DELETE: THEA 651. PRODUCTION DESIGN. Special problems in scenic design for nontheatrical performance, including opera, ballet, television, and film. Prerequisite: THEA 571 and THEA 641. (3).

DELETE: THEA 661, 662, 663. ADVANCED ACTING PRACTICUM. Supervised studio projects designed to demonstrate superior proficiency in acting. (3, 3, 3).

DELETE: THEA 664. ACTING MODERN REALISM. The interpretation and performance of contemporary realistic plays, stressing particular physical and vocal techniques and modern acting approaches and applying critical analysis to a range of modern playwrights. (May be repeated once for credit). (3).

DELETE: THEA 665. ACTING SHAKESPEARE. The interpretation and performance of the plays of Shakespeare, stressing particular physical and vocal techniques and modern acting approaches and applying critical analysis to a range of Shakespearean works. (May be repeated once for credit). (3).

DELETE: THEA 666. ACTING IN ALTERNATIVE STYLES. The interpretation and performance of plays in styles exclusive of Shakespearean and modern realistic styles, from classical Greek to Absurdist, stressing particular techniques and applying critical analysis to representative playwrights. (May be repeated once for credit). (3).

DELETE: THEA 668. ADVANCED THEATRE PERFORMANCE TECHNIQUES. Advanced verbal and nonverbal communication methods and practice for media and live performance. (May be repeated for credit). (3).

DELETE: THEA 670. ADVANCED SCENIC PAINTING. Special problems in scenic painting applied to supervised studio projects. Prerequisite: THEA 570 or equivalent. (3).

DELETE: THEA 671, 672, 673. ADVANCED DESIGN PRACTICUM. Supervised studio projects designed to demonstrate superior proficiency in design for the theatre arts. (3, 3, 3). (May be repeated once for credit).

DELETE: THEA 675. TECHNICAL DIRECTION AND TECHNOLOGY FOR THE THEATRE ARTS. Analysis of the organization and operation of theatre facilities; emphasis on technological research. (3).

DELETE: THEA 677. COMPUTER-AIDED DESIGN STUDIES FOR THE THEATRE. A thorough investigation of a variety of current software being used in the industry stressing literateness in the subject matter and cognition of the scope of available programs. (3).

DELETE: THEA 678. ADVANCED THEATRE PRODUCTION TECHNIQUES. Advanced production practicum for theatre performances using traditional and advanced methods of technology. (May be repeated for credit). (3).

DELETE: THEA 681, 682, 683. ADVANCED DIRECTING PRACTICUM. Supervised studio projects designed to demonstrate superior proficiency in directing. (3, 3, 3).

DELETE: THEA 684, 685. DIRECTING MODERN REALISM I AND DIRECTING MODERN REALISM II. The interpretation and direction of contemporary realistic plays, stressing particular staging and production techniques, and applying these techniques to a range of modern playwrights. (THEA 685 is a continuation of THEA 684; description is the same). (3).

DELETE: THEA 686, 687. DIRECTING SHAKESPEARE I AND DIRECTING SHAKESPEARE II. The interpretation and direction of Shakespearean plays, stressing particular staging and production
techniques, and applying these techniques to a range of Shakespearean comedies and dramas. (THEA 687 is a continuation of THEA 686; description is the same). (3).

DELETE: THEA 688, 689. DIRECTING IN ALTERNATIVE STYLES I AND DIRECTING IN ALTERNATIVE STYLES II. The interpretation and direction of nonrealistic, nonclassical plays, stressing particular staging and production techniques, and applying these techniques to a range of dramatic literature. (THEA 689 is a continuation of THEA 688; the description is the same). (3).

DELETE: THEA 691, 692. PROBLEMS IN PRODUCTION. Problems in several types of plays; experience as production assistant in University productions. (3, 3).

DELETE: THEA 697. THESIS. (1-12).

3. Items from the School of Accountancy

On a motion by Dr. Nichols seconded by Dr. Rimoldi the following request from the School of Accountancy was approved.

Catalog addition to describe: The Juris Doctor/Master of Taxation (J.D./MTAX) and Juris Doctor/Master of Accountancy (J.D./MACCY) degrees.
(See attached document)

4. Items from the School of Education

On a motion by Dr. Letzring seconded by Dr. Wilkin the following requests from the Department of Leadership And Counselor Education were approved.

Change the catalog copy describing the Counselor Education degree programs from:

COUNSELOR EDUCATION

The Graduate Program • The Master of Education (program in School Counseling and Community Counseling), the Education Specialist, and the Doctor of Philosophy (programs in Counselor Education & Supervision and School Counseling) are offered. Both programs at the master’s level, educational specialist, and the doctoral program in Counselor Education & Supervision are accredited by the Council for Accreditation of Counseling and Related Education Programs (CACREP). Admissions are processed continuously. Only complete applications will be considered.
Prerequisite to Full Admission • An interview by a faculty member may be required as a condition for admission as well as the general requirements for admission to graduate study. Master’s, education specialist, and doctoral students may be admitted on a provisional basis until the completion of 9 semester hours of course work with COUN faculty. After completing these 9 hours, a joint decision will be made between the faculty and the student about the student continuing in the program. Each student will be responsible for making provisions to complete this part of the total admission process. Students seeking the doctoral degree must have at least two years of successful experience as a professional employee of an accredited school or college or two years of relevant work experience.
MASTER'S DEGREE PROGRAM • A Master of Education in Counselor Education is
offered with emphasis in professional counseling. Two curriculum tracks are available. The school counseling track is 48 hours and will partially fulfill requirements for the AA certification in Mississippi. The community counseling track is 60 hours and will fulfill course requirements for licensed professional counselor. Required courses for both tracks include Educational Statistics I (EDRS 501); Educational Research I (EDRS 605); Psychometric Principles (COUN 503); Introduction to the Counseling Profession (COUN 539); Life Span Development (COUN 601); Assessment in Counseling I (COUN 621); Group Procedures (COUN 643); Psychological Consultation (COUN 670); Career Counseling (COUN 680); Counseling Theory I (COUN 683); Counseling with Children and Adults (COUN 686); Counseling Skills (COUN 690); and Practicum in Counseling (COUN 693). A 600-hour internship (COUN 695) also is required. For the school counseling track, Organization and Administration of School Counseling Programs (COUN 688) also is required. For the community counseling track, also required are Diagnostic Systems in Counseling (COUN 674) and Organization and Administration of Community Counseling Programs (COUN 685). A grade of “B” or above is required in all courses that are part of the CACREP core.

EDUCATIONAL SPECIALIST DEGREE PROGRAM • The Educational Specialist in Counselor Education (emphasis in school counseling only) consists of a minimum of 66 hours of specified course work; this consists of the equivalent of a school counseling track M.Ed. (48 hours, as specified above) plus 12 hours of courses (including COUN 653, 672, and 684), plus 6 hours of a research-based field study. Completion of this degree will partially fulfill requirements in Mississippi for AAA School Counselor certification.

DOCTORAL PROGRAM • The Doctor of Philosophy in Counselor Education is offered with two curricular tracks available: counselor education & supervision (CACREP-approved) and school counseling. A prerequisite for entry to the program is the equivalent of a master’s degree in counseling (48-60 hours, as specified above). Required courses include Educational Statistics II (EDRS 701); Educational Research II (EDRS 705); Group Theory and Practice (COUN 653); Counseling Theory II (COUN 684); Assessment in Counseling II (COUN 622) or approved advanced assessment course; Seminar: Issues and Ethics in Counseling (COUN 672); Supervision of Counseling Services (COUN 753), and Advanced Practicum (COUN 793). Also required are a 12-hour minor concentration, a 600-hour internship (COUN 795), written and oral comprehensive examinations, and a dissertation.

To:

The Graduate Program • The Master of Education (programs in School Counseling and Community Counseling), the Education Specialist (School Counseling emphasis), and the Doctor of Philosophy (Counselor Education & Supervision) are offered. Programs at the master’s, and the doctoral levels are accredited by the Council for Accreditation of Counseling and Related Education Programs (CACREP). Applications for admission are processed once each year for Fall admission. Only complete applications will be considered. An interview is required for master’s and doctoral applicants as a condition for admission along with a resume and the general requirements for admission to graduate study.
Admissions are competitive and seats are limited for all degree programs in Counselor Education.

**MASTER’S DEGREE PROGRAM** • A Master of Education in Counselor Education is offered in professional counseling with two program areas. The School Counseling program is 48 hours and partially fulfills requirements for the AA license in Mississippi. The Community Counseling program is 60 hours and meets course requirements for licensure as a professional counselor (LPC) in Mississippi and certification as a National Certified Counselor (NCC). Required courses for both programs include Introduction to the Counseling Profession (COUN 539); Multicultural Issues in Counseling (COUN 570); Play Therapy (COUN 594); Life Span Development (COUN 601); Research in Counseling (COUN 605); Assessment in Counseling I (COUN 621); Group Procedures (COUN 643); Career Counseling (COUN 680); Counseling Theory I (COUN 683); Seminar: Issues and Ethics in Counseling ((COUN 672); Counseling with Children and Adolescents (COUN 686); Counseling Skills (COUN 690); and Practicum in Counseling (COUN 693). A 600-hour internship (COUN 695) also is required. The School Counseling program also requires Organization, Administration and Consultation in School Counseling Programs (COUN 688). Individuals who do not hold a standard teacher’s license in Mississippi and want to obtain licensure as a School Counselor in Mississippi are required to complete an additional 600-hour internship (COUN 695). The Community Counseling program also requires Diagnostic Systems in Counseling (COUN 674), Family Counseling (COUN 682) and Organization, Administration and Consultation in COmmunity Counseling Programs (COUN 685), and two elective courses. A grade of “B” or above is required in all clinical sequence courses for both degree programs (COUN 539, 570, 594, 672, 643, 683 and 690) in order to progress to Practicum (COUN 693).

**EDUCATIONAL SPECIALIST DEGREE PROGRAM** • The Educational Specialist degree program is designed specifically for school counselors. The program consists of a minimum of 66 hours of specified course work; the equivalent of the M.Ed. school counseling program specified above plus 12 hours of courses (COUN 653, 682, 674 and an elective), and 6 hours of Internship (COUN 695). Completion of this degree will partially fulfill requirements in Mississippi for AAA School Counselor licensure.

**DOCTORAL PROGRAM** • The Doctor of Philosophy in Counselor Education is a CACREP-accredited program in Counselor Education & Supervision. A prerequisite for admission to the program is a master’s degree in counseling that includes CACREP required core and program area curricular components.

Required courses are: College Teaching (EDLD 662); Advanced Topics in Counselor Education, repeated twice for credit (COUN 700); Educational Statistics II (EDRS 701); Educational Research (EDRS 705); Supervision of Counseling Services, repeated twice for credit, (COUN 753); Research and Publication in Counselor Education (COUN 750); Qualitative Perspectives in Counselor Education (COUN 751); Qualitative Methods and Analysis for Counselor Educators (COUN 752); Advanced Practicum (COUN 793); Advanced Counseling Theory (COUN 783); and Advanced Group Counseling (COUN 794) . Also required are First Year Seminar, Dissertation Seminar, Professional Development Seminar (offered through Continuing Education), a 750-hour internship (COUN 795), written and oral comprehensive examinations, and a dissertation.
The following prerequisite changes:

COUN 539. Add: Prerequisite: COUN majors only

COUN 690. Add: Prerequisite: Permission of Instructor, COUN majors only

COUN 653. Delete: consent of instructor in prerequisite listing

COUN 684. Delete: consent of instructor in prerequisite listing

COUN 685. Delete: Prerequisite: consent of instructor.

COUN 688. Delete: Prerequisite: consent of instructor

COUN 674. Delete: Prerequisite: COUN 505.

COUN 700. Add: Prerequisite: COUN doctoral students only

COUN 750. Add: Prerequisite: COUN doctoral students only

COUN 751. Add: Prerequisite: COUN doctoral students only

COUN 783. Add: Prerequisite: COUN doctoral students only

Change the hours listed for COUN 795. Internship. from 3-6 to 3-18.

Change the hours listed for COUN 545. Laboratory. From 3 to 1-3.

Change the grading scale for COUN 753 from Z to ABCDFIW

5. Items from the School of Engineering

On a motion by Dr. Wilkin seconded by Ms Dempster the following requests from the School of Engineering were approved.

Course deletions and changes in prerequisites and co-requisites (attached).

Add: ME 541. Theory and Use of CAD and Solid Modeling. (3)

6. Items from the School of Pharmacy

On a motion by Dr. Rimoldi seconded by Dr. Wilkin the following requests from the Department of Medicinal Chemistry were approved.

Certificate program in Polymer & Materials Sciences and Technology Development
Add: MEDC 621. Theory of Technology Development. (3)
Add: MEDC 622. Early Stages of Technology Development. (3)
Add: MEDC 623. Fostering Creative Environments. (3)
Add: MEDC 625. Applied Problems in Medicinal Chemistry, Polymer & Materials Science and Technology Development. (3)

Dr. Wyandt provided the following information from the School of Pharmacy catalog copy changes that are necessary as a result of the creation of the Ph.D. in Pharmaceutical Science degree programs (attached). These changes were approved, in principle by the Council at the time the new degree was approved.

7. The meeting was adjourned.

__________________________________________
Maurice Eftink, Dean

__________________________________________
Robert C. Khayat, Chancellor

The minutes of the Graduate Council are unofficial until approved by the Chancellor.