Members Present: Dr. John Bentley (ex-officio), Ms. Darlene Dempster, Dr. Charles Eagles, Dr. Maurice Eftink (ex-officio), Dr. Tyrus McCarty (ex-officio), Dr. Charles Noble, Dr. David Nichols, 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. Timothy Letzring, and Dr. Karen Raber.

1. On a motion by Dr. Rimoldi seconded by Dr. Nobles, the minutes of the meeting of 10/14/05 were approved.

2. Items from the College of Liberal Arts:

On a motion by Dr. Eagles, seconded by Dr. Wilkins, addition of the following courses from the Department of Philosophy and Religion were not approved. The council requested that the department confirm its intent to offer several of the courses with a lecture instruction type, and provide more detailed syllabi for PHIL 621, PHIL 631, and PHIL 650.

ADD: PHIL 600. KANT. A study of the major ideas and issues in Kant’s writings. (3).

ADD: PHIL 602. WITTGENSTEIN. A study of Wittgenstein’s thoughts, writings, and influence. (3).

ADD: PHIL 620. PROBLEMS IN AESTHETICS. Selected issues in aesthetics. (3).

ADD: PHIL 628. PROBLEMS IN BIOMEDICAL ETHICS. Selected issues in contemporary biomedical ethics. (3).

ADD: PHIL 621. PROBLEMS IN ETHICAL THEORY. Selected issues in ethical theory. (3).

ADD: PHIL 631. PROBLEMS IN POLITICAL PHILOSOPHY. Selected issues in political philosophy. (3).

ADD: PHIL 650. PROBLEMS IN PHILOSOPHY OF LAW. Selected issues in philosophy of law. (3).
3. Items from the School of Applied Science

On a motion by Dr. Rimoldi seconded by Dr. Nobles, the following request from the Department of Communicative Disorders was approved:

Add: CD 605. ASSESSMENT AND TREATMENT OF DYSPHAGIA. Courses will include anatomy and physiology of swallowing, etiologies of dysphasia, and assessment and intervention techniques. Advanced study includes ethical and professional issues for pediatric and adult populations (3).

On a motion by Dr. Wilkins seconded by Dr. Nobles, the following request from the Department of Health, Exercise Science and Recreation Management was approved.

Change: ESPR 797. DISSERTATION. (1-18).

To: ESPR 797. DISSERTATION. (1-18). (Z Grade).

4. On a motion by Dr. Rimoldi seconded by Dr. Nobles, the following requests from the School of Law were approved.

CHANGE: LAW 716. POST-CONVICTION RELIEF. This is a seminar overview of the diverse state post-conviction procedures and the federal habeas corpus writ both historically and after the enactment of the Anti-Terrorism and Effective Death Penalty Act of 1996. (2).

TO: LAW 716. FEDERAL HABEAS CORPUS REMEDIES. This is a seminar overview of the federal habeas corpus writ, both historically and after the enactment of the the Anti-Terrorism and Effective Death Penalty Act of 1996. (2).

ADD: LAW 723. U.S. DOMESTIC AVIATION LAW. This course covers domestic aviation laws, regulations and policy and explores all major aspects of aviation law, including, but not limited to: government regulation, liability, aircraft financing, economic regulation of domestic air routes and rates; aviation security and environmental law. (3).

ADD: LAW 724. INTERNATIONAL AVIATION LAW. This course covers private and public international aviation law and examines the relevant principles of international law that apply to the use of air space by examining the sources of international air law and the law-making processes affecting the regime of air space and international air transport. (3).

ADD: LAW 725. BUSINESS REGULATION EXTERNSHIP. Combines clinical experience with training in legal research and writing by placing students in state offices responsible for regulation of corporations, insurance, securities and banking. Prerequisites: Corporations and at least one of Securities, Regulation Banking Law or Insurance. (12). (Z credit).
5. On a motion by Dr. Rimoldi seconded by Dr. Scott the following requests from the Department of Medicinal Chemistry were approved.

On page 147 of the Graduate Catalog:

Change:

**Graduate Course Requirements** • Medicinal chemistry is a multidisciplinary chemistry-centered science involved in applying both chemical and biological principles to a study of chemical substances capable of exerting specific effects on a biological system. In practice, the medicinal chemist is involved in designing, synthesizing and characterizing medicinal agents intended for the management and/or therapy of disease states. The graduate course requirements for a Ph.D. in Medicinal Chemistry consists of a minimum of 16 graduate course hours in medicinal chemistry, 9 hours of chemistry courses, and 6 hours in a minor emphasis area. These requirements can be satisfied in the following way:

1. Students entering the program lacking a background in medicinal chemistry will take Advanced Medicinal Chemistry I, II (MEDC 501 and 502). These courses will not satisfy the departmental graduate requirement for the Ph.D. degree.
2. Medicinal Chemistry Research Methodology (MEDC 503) (3 hours);
3. Three of the five drug action and design courses offered (9 hours);
4. Either Heterocyclic Compounds (MEDC 609), a Selected Topics course (MEDC 610), Pharmaceutical Protein Design and Development (MEDC 630) (3 hours); Bioorganic Chemistry (MEDC 618), or Combinatorial Chemistry (MEDC 620).
5. Seminar on Current Medicinal Chemistry Topics (1 hour).

At least 9 hours of chemistry courses are required. Advanced Organic Chemistry (CHEM 527, 528, or CHEM 530) may comprise 6 of these hours. Analysis of Natural Products Drugs (PHCG 633, 3 hours) may substitute for 3 of the remaining hours. A minor emphasis is required and consists of at least 6 graduate credit hours in pharmacology, biochemistry, biology, pharmaceutics, toxicology, an approved area of chemistry, or any other approved area. Combinations of the above areas may constitute the minor area with the approval of the student’s adviser.

**Foreign Language Requirement** • None.

**Examinations** • To successfully complete the cumulative examination sequence, each student must demonstrate a broad competency in five medicinal chemistry topic areas. Within four months of completion of all cumulative examinations, a student must present a written research proposal and orally defend the proposal before the faculty of the department. Three departmental seminars are required of doctoral degree candidates. Students are required to attend seminars each semester irrespective of whether they present a seminar that semester of whether they are enrolled in seminar.

To:
Graduate Course Requirements • Medicinal chemistry is a multidisciplinary chemistry-centered science involved in applying both chemical and biological principles to a study of chemical substances capable of exerting specific effects on a biological system. In practice, the medicinal chemist is involved in designing, synthesizing and characterizing medicinal agents intended for the management and/or therapy of disease states. The graduate course requirements for a Ph.D. in Medicinal Chemistry consists of a minimum of 21 graduate course hours in medicinal chemistry, 6 hours of chemistry courses, and 6 hours of elective credit. These requirements can be satisfied in the following way:

1. Advanced Medicinal Chemistry I,II (MEDC 501 and MEDC 502) (6 hours);
2. Drug Action and Design (DAD) courses (four out of seven) (12 hours);
3. Seminar on Current Medicinal Chemistry Topics (MEDC 543 and/or MEDC 544) (2 hours);
4. Chemistry Courses 500/600 level (6 hours);
5. Graduate Level Elective Courses (contingent upon research advisor approval) (6 hours);
6. Problems in Medicinal Chemistry (MEDC 541 or MEDC 542) (1 hour).

Cumulative Examinations • Cumulative exams will be administered monthly throughout the calendar year. Once a student has officially entered the exam system, that student will have eighteen (18) opportunities to pass five (5) examinations from at least four (4) different department faculty members. He/she is required to pass a minimum of two (2) of the first twelve (12) exams administered.

Original Research Proposal • The student must prepare, submit, and successfully defend an original research proposal (ORP). This ORP will encompass both an oral and written component. After completion of at least 4 semesters of course work and upon receipt of an official letter from the departmental Chair signifying successful completion of the cumulative exam process (which ever comes second), the student is provided 30 days within which time he/she must submit a two page research proposal abstract to the departmental faculty for idea approval. The approval process may take up to, but no longer than, one week. Once the departmental faculty approves the ORP abstract, the student will have 60 days in which to complete the ORP. A copy of the original research proposal must be delivered to departmental faculty members at least one week in advance of the examination date. All ORP defenses will be scheduled for a minimum of 2 hours.

Seminar Requirement • Students are required to register for either MEDC 643 (Fall) or MEDC 644 (Spring) every semester, with the exception of those semesters when the student presents a seminar and should register for either MEDC 543 (Fall) or MEDC 544 (Spring).

CHANGE: MEDC 609. HETEROCYCLIC COMPOUNDS. Methods of synthesis of medicinally important compounds that contain a heterocyclic ring system. (3).
TO: MEDC 609. DRUG ACTION AND DESIGN V: HETEROCYCLIC COMPOUNDS. Methods of synthesis of medicinally important compounds that contain a heterocyclic ring system. (3).

CHANGE: MEDC 614. DRUG ACTION AND DESIGN IV: CHEMOTHERAPY OF INFECTIOUS DISEASES. Overview of antimicrobial and antiviral chemotherapy as related to drug design, chemical syntheses, structural classes, mechanisms of pharmacological action, toxicities, resistance mechanisms, and clinical usefulness. (3).

TO: MEDC 614. DRUG ACTION AND DESIGN IV: CHEMOTHERAPY OF CANCER AND INFECTIOUS DISEASES. Overview of anticancer, antimicrobial and antiviral chemotherapy as related to drug design, chemical syntheses, structural classes, mechanisms of pharmacological action, toxicities, resistance mechanisms, and clinical usefulness. (3).

DELETE: MEDC 615. DRUG ACTION AND DESIGNV: CANCER CHEMOTHERAPY. (3).

CHANGE: MEDC 618. BIOORGANIC CHEMISTRY. The study of the chemical interactions and catalytic strategies fundamental to drug design and development, using the principles of organic chemistry as the intellectual framework for addressing biological problems at the molecular level. (3).

TO: MEDC 618. DRUG ACTION AND DESIGN VI: BIOORGANIC CHEMISTRY. The study of the chemical interactions and catalytic strategies fundamental to drug design and development, using the principles of organic chemistry as the intellectual framework for addressing biological problems at the molecular level. (3).

CHANGE: MEDC 620. COMBINATIONAL CHEMISTRY: THEORY & PRACTICE. Parallel synthesis and product analysis sequel to molecular modeling and QSAR. (3).

TO: MEDC 620. DRUG ACTION AND DESIGN VII: COMBINATORIAL CHEMISTRY- THEORY & PRACTICE. Parallel synthesis and product analysis sequel to molecular modeling and QSAR. (3).

6. Dr. Eftink presented the following proposal that originated with the Provost’s Task Force on Undergraduate Education and was approved by the Undergraduate Council for undergraduate courses. After discussion, a non-binding vote was taken to assess the opinion of the council members about the desirability of adopting a similar grading scheme for graduate courses. The majority of the Council was against adopting this scheme (5 against, 1 for, 2 abstaining).

Consideration of Recommendation from Provost's Task Force on Undergraduate Education to Modify the Grading System to Allow for Gradations (A, A-, B+, B, B-, etc.).

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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.