

MINUTES OF THE UNIVERSITY FACULTY, JANUARY 8, 1962

The University Faculty met in the Assembly Room of Lafferty Hall Monday, January 8, 1962, at 4:00 p.m. President Dickey presided.

The minutes of December 11 had been sent to the members of the Faculty and on motion of the Secretary, were approved without being read.

Dean Shaver presented for the College of Engineering a recommendation for approval of one new course. The recommendation was approved.

General Engineering 251 INTRODUCTION TO THE USE OF DIGITAL COMPUTERS.
(2 credits)

Introduction to digital computers. Brief description of their internal organization. Programming with problem-oriented languages. Applications of computers to the solution of scientific problems. Lecture, 1 hour; laboratory, 2 hours per week. Prereq: MA 211. Navarro and Riley.

Dean Shaver also asked that the "two drop" rule be waived in the case of J. H. Tate, Jr. on the ground that he had been out of school for several years, had matured, and had presented some evidence of ability to complete his degree requirements. The Faculty approved the request.

Dean Dake presented for the College of Nursing a recommendation for approval of three new courses and a change in the number of one course, which was approved by the University Faculty.

The College of Nursing presents the following courses for Faculty approval. These courses are to be offered the Spring Semester 1962.

1. Nursing 222-223 -- Foundations of Comprehensive Nursing III (6 cr.)

Exploration of the nurse's role in meeting needs unique to mothers and infants, and to children with chronic illnesses.
Lecture 3 hrs. Laboratory 9 hrs.

2. Nursing 224 -- Community Nursing I (1 cr.)

Beginning considerations of how a community organizes to meet health needs. Experience in a home setting providing nursing assistance with maternal and child health problems.

3. Nursing 328 -- Community Health Science (3 cr.)

Emphasizes those sciences related to the prevention and control of community health problems. Prereq.: Permission of instructor

Change of course numbering

4. Nursing 302-303 -- Community Nursing be changed to N-326-327 to conform to the numbering system being established by the College.

Dean Morris of the College of Dentistry presented the proposed admission requirements of that College and received approval from the University Faculty.

MINUTES OF THE UNIVERSITY FACULTY, JANUARY 8, 1962

The requirements for admission to the College of Dentistry of the University of Kentucky reflect the adoption of the standards set forth by the Council on Dental Education of the American Dental Association. These appear in the "Requirements for the approval of a Dental School" (revised November 1954) published by the American Dental Association.

"Applicants for the College of Dentistry are expected upon matriculation to have completed a minimum of two full academic years (60 semester hours) in an accredited college of arts and sciences with a cumulative grade point standing of 2.0 (C) or better.

'Minimal requirements are satisfied with the equivalent of two semesters of study in physics; two semesters in the biological sciences; three semesters in chemistry, including one semester of organic chemistry; and at least one year of English.

'All science courses must include both class and laboratory instruction. Formal credit in biology and physics, but not in English and chemistry, may be waived in the case of exceptional students who have three years of college credit or in the case of those holding a bachelor's degree from an accredited college."

Dean Kirwan presented for the Graduate Council recommendations covering five strictly graduate courses in Biochemistry and one in Commerce; two graduate courses in Biochemistry and one in Zoology; and revision of two courses in Physiology. These recommendations were voted approval.

I. The Graduate Council recommends approval of the following courses for strictly graduate credit.

1. Biochemistry 610, 611 - Intermediary Metabolism (3)
A lecture and seminar course devoted to a study of the detailed mechanisms of carbohydrate, lipid and nitrogen metabolism. Prerequisites: Biochemistry 511 or Biochemistry 514, 515.
2. Biochemistry 614, 615 - Biochemistry of Proteins, Nucleic Acids and Enzymes (3)
A lecture and seminar course devoted to the chemical, physical and biological properties of proteins and nucleic acids and to the broad area of physical biochemistry, including kinetic and thermodynamic aspects of enzyme-catalyzed reactions. Prerequisites: Biochemistry 511 or 514, 515 and Chemistry 442.
3. Biochemistry 618, 619 - Seminar in Biochemistry (1)
A weekly seminar, required of all students majoring in biochemistry, devoted to discussions of areas not

MINUTES OF THE UNIVERSITY FACULTY, JANUARY 8, 1962

covered in other courses and to recent developments in the field.

4. Biochemistry 640 - Research in Biochemistry (To be arranged)
Prerequisite: Permission of instructor
5. Biochemistry 769 - Residence credit for the Doctor's Degree
May be repeated indefinitely.
6. Commerce 728 - Accounting for Control and Planning (3)
A study of the application of accounting information and services in the recognition or solution of management problems in business. Prerequisite: Commerce 107

II. The Graduate Council recommends approval of the following courses for graduate credit:

1. Biochemistry 514,515 - General Biochemistry (3)
An introductory but intensive course in the broader aspects of biochemistry. Topics stressed include the chemistry of naturally occurring materials, nature of enzyme action, intermediary metabolism and chemical aspects of the specialized behavior of animals, plants and microorganisms. Prerequisites: Chemistry 112, 222, 232. One year of a biological science. Chemistry 442 and 443 are highly desirable for students majoring in biochemistry. These courses, however, may be taken concurrently.
2. Biochemistry 517 - Experimental Methods in Biochemistry (2)
A laboratory course dealing with the procedures and instruments of biochemical research. Each technic is employed in the course of a classical experiment demonstrating an important biochemical finding. The course is designed to accompany Biochemistry 514,515 and may be taken concurrently with Biochemistry 515 during the second semester or in the following year. Because the materials employed are labile, one full day per week is spent in the laboratory. Prerequisite: Biochemistry 514 or its equivalent.
3. Zoology 542, 543 - Vertebrate Natural History (4)
Behavior of vertebrate animals in the natural habitats as related to shelter, food, reproduction, and other aspects of survival. Adaptations contributing to behavioral patterns will be considered. Two lectures and two laboratory periods per week for one semester. Given in alternate years. Prerequisite: Zoology 208-209.

III. The Graduate Council recommends the following course revisions:

MINUTES OF THE UNIVERSITY FACULTY, JANUARY 8, 1962

1. Physiology 512, 513 - Cellular Physiology - increase from 3 to 4 credits per semester
2. Physiology 602 - Physiological Techniques - increase from 2 to 5 credits per semester

Professor Kuiper, as Committee Chairman, reported on the Spindletop Faculty Conference held last September 7th and 8th. Mr. Kuiper requested that the Committee's report be accepted by the Faculty as a matter of record. This request passed unanimously. Next, Mr. Kuiper presented each section of the report separately for discussion and vote. The first section of the report was discussed at length. The final motion, as passed by the Faculty, was as follows:

That the University Faculty create from its members a Faculty Council whose major purpose shall be to enable the University Faculty to render more effectively its major responsibility, namely, to formulate the comprehensive educational policy of the University.

That the proposed Council be authorized to consider such matters as are within the scope of the University Faculty as defined in the Governing Regulations of the Board of Trustees; that it have the power to recommend such proposals as it sees fit; and that in reviewing proposals for new courses and curricula and for changes in these, it have the power to act, provided it report its actions and its reasons for them regularly to the University Faculty, it being understood that in all cases, and particularly in case any course or course change is disapproved, the college or division concerned has the right to appeal the Council's decision to the University Faculty.

Sections II, III, IV, and V, as written in the attached Spindletop Committee Report were approved by the Faculty. The Committee on Committees was instructed to make the appointment of the necessary study committees.

In the absence of Dr. Gladden, Chairman of the Committee on Student Organizations and Social Activities, Dean Martin presented a request from the Committee for approval of three new student organizations: Pi Beta Phi and Gamma Delta sororities; and the University of Kentucky Judo Club. These were approved.

The Faculty adjourned at 5:20 p.m.

Charles F. Elton
Charles F. Elton
Secretary