

## MINUTES OF THE UNIVERSITY FACULTY MARCH 12, 1962

The University Faculty met in the Assembly Room of Lafferty Hall Monday, March 12, 1962, at 4:00 p. m. In the absence of President Dickey, Vice President Chamberlain presided.

The minutes of February 12 had been sent to the Faculty and were approved by the University Faculty with one correction: page two, paragraph 2, line five, should read (See attached report, page 9).

Dean White presented recommendations from the College of Arts and Sciences covering ten new courses, one dropped course, changes in title of two courses, and a minor change in requirements for the degree of Bachelor of Science in Medical Technology. The University Faculty approved all the recommendations.

I. New Courses

Anthropology or Sociology 533, SOCIAL ANTHROPOLOGY, 3 credits  
(If not approved for graduate credit, number will be 333.)

History and theory of social anthropology with special emphasis on the comparative approach to analysis of structure, function, and change in social and cultural systems. Prereq: consent of instructor.

Chemistry 001, THE CHEMICAL PROFESSION (Freshman), 0 credits. I  
Chemistry 002, THE CHEMICAL PROFESSION (Freshman), 0 credits. II  
Chemistry 003, THE CHEMICAL PROFESSION (Sophomore), 0 credits. I  
Chemistry 004, THE CHEMICAL PROFESSION (Sophomore), 0 credits. II  
Chemistry 005, THE CHEMICAL PROFESSION (Junior), 0 credits. I  
Chemistry 006, THE CHEMICAL PROFESSION (Junior), 0 credits. II  
Chemistry 007, THE CHEMICAL PROFESSION (Senior), 0 credits. I  
Chemistry 008, THE CHEMICAL PROFESSION (Senior), 0 credits. II

Discussions and lectures on various aspects of the chemical profession. Required of all students majoring in the Department of Chemistry who expect to enter either industrial work or academic work in chemistry. Courses 001-008 may be repeated indefinitely.

Zoology 540, GENERAL RADIATION BIOLOGY, 4 credits. (Lab No. 541)  
(If not approved for graduate credit, number will be 340,341.)

A basic course devoted to a study of radiation techniques and research and their application in the various fields of biology. Lectures devoted to basic background and health hazard aspects followed by more of radioisotopes and techniques of their measurement using various radiation detectors and counters. Lectures, 2 hours per week; laboratory, 4 hours. Prereq: 2 years of biological sciences, 1 year of chemistry, and consent of instructor.

II. Drop

Zoology 791-799, Problems courses

III. Change in Title

Chemistry 110 and 112, from General Chemistry to GENERAL COLLEGE  
CHEMISTRY



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IV. Change in Title and Description

Chemistry 102 and 104, from General Chemistry for Students in Agriculture and Home Economics, to ELEMENTARY GENERAL CHEMISTRY.

New description: This course is primarily for students in the Colleges of Agriculture and Home Economics and Nursing and other students who want to obtain an understanding of the fundamentals of chemistry. Lectures and recitations, three hours; lab, 2 hours. Prereq: proficiency in arithmetic and elementary algebra.

The Division of Biological Sciences recommends the following changes in requirements for the Bachelor of Science in Medical Tehnology Degree:

Drop: Physics 520, X-Ray Technique, 2 credits  
Botany 101, 102, General Botany, 4 credits

Add: M&A 101 or 111, College Algebra, 3 credits  
Botany 103, 104, Plant Kingdom, 3 credits.

Dean Shaver presented recommendations from the College of Engineering which included the dropping of two courses, the addition of three courses, a change in credit for one course, and five changes in the Mechanical Engineering curriculum. All recommendations were approved by the University Faculty.

COURSES TO BE DROPPED

- CE 212 GENERAL SURVEYING (3 credits) S  
(Given at the Summer Camp, Noble, Kentucky)
- CE 687 ADVANCED STEEL STRUCTURES (3 credits)

CHANGES IN THE MECHANICAL ENGINEERING CURRICULUM

1. Remove ME 110, 1 credit, ENGINEERING PROBLEMS, as a required course. (Slide Rule instruction will be given in ME 001, THE ENGINEERING PROFESSION.
2. Replace ME 299, 2 credits, ANALYSIS OF EXPERIMENTAL DATA, with GE 251, 2 credits, INTRODUCTION TO THE USE OF DIGITAL COMPUTERS.
3. Replace GE 431, 4 credits, STRENGTH OF MATERIALS, with GE 331, 3 credits, STRENGTH OF MATERIALS.
4. Replace MA 331, 2 credits, DIFFERENTIAL EQUATIONS FOR ENGINEERS, with MA 431, 3 credits, DIFFERENTIAL EQUATIONS.
5. Replace 3 credits Technical Elective in first semester senior year with 3 credits Non-technical Elective.

CHANGE IN CREDIT

ME 330 FLUID MECHANICS (change from 4 credits to 3 credits)

NEW COURSES TO BE ADDED

ME 331 FLUID MECHANICS LABORATORY (1 credit)  
Laboratory exercises and demonstration of fundamental fluid mechanics phenomenon. Laboratory, 2 hours. Prereq or concur: ME 330



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- CE 213      CONTROL SURVEYS      (1 credit)      S  
 Given at the Summer Camp, Noble, Kentucky. Theory, field and office practice in the precise measurement of angles, distances, elevations, true azimuth and geodetic position.
- CE 214      TOPOGRAPHIC SURVEYS (1 credit)      S  
 Given at the Summer Camp, Noble, Kentucky. Theory field and office practice in topographic and boundary surveys.

Changes in Civil Engineering courses are to be effective when they are approved.

Changes in Mechanical Engineering to be effective in September 1962.

Dean Kirwan read to the Faculty a recommendation from the Graduate Council that honorary degrees be conferred on four persons at the June Commencement. These are:

- Hon. Elvis Jacob Stahr, Jr., Secretary of the Army, Doctor of Laws  
 Dr. Robert Burgess Stewart, Dean of the Fletcher School of Law and Diplomacy, of Tufts University, Doctor of Laws  
 Dr. Edwin Harold Kass, Associate Professor of Bacteriology and Associate Professor of Medicine, Harvard University, Doctor of Science  
 Mr. Robert Charles McDowell, President of the McDowell Co., Inc., and the Wellman Engineering Co., both of Cleveland, Ohio, Doctor of Science

Dr. Chamberlain called the attention of the Faculty to the necessity for keeping the nominations for honorary degrees confidential until after the Board of Trustees had approved and the nominees had accepted.

The University Faculty received a memorandum from the Secretary of the Faculty concerning the appointments to three special committees which were authorized at the January 8, 1962, meeting of the University Faculty:

The Committee on Committees of the University Faculty has recommended to President Dickey the appointment of the following persons for the three special committees which were authorized at the January 8th, 1962 University Faculty meeting:

Special Committee to Study Proposals on Public Education and the University's Role in Relation to the Public Schools

W. Paul Street, Chairman  
 Elbert W. Ockerman  
 Carl B. Cone  
 Alfred L. Crabb  
 John M. Carpenter  
 Robert Straus  
 Charles T. Maney



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Special Committee on the Graduate Program

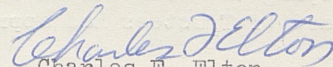
Ralph H. Weaver, Chairman  
Dewey G. Steele  
Sam C. Hite  
Vernon A. Musselman  
Hill Shine  
Thomas R. Ford  
George W. Schwert

Special Committee on Student Achievement

Ernest McDaniel, Chairman  
Lawrence S. Thompson  
Doris M. Seward  
Michael E. Adelstein  
William T. Garse  
John W. Hill  
John E. Reeves

In answer to a question concerning the status of the proposed Council, Dr. Chamberlain stated that the Committee on Committees had been asked to consider the functions and the personnel of this group and to report back to the University Faculty.

The Faculty adjourned at 4:25 p.m.

  
Charles F. Elton  
Secretary