

The University Faculty met in the Assembly Room of Lafferty Hall Monday, January 9, 1961 at 4:00 p.m. In the absence of President Dickey, Vice President Leo M. Chamberlain presided. Twenty-seven members were absent.

The minutes of December 12 were not read, due to the fact that they had been circulated to the Faculty earlier in January.

Dr. Chamberlain commented on the fire which destroyed Neville Hall that morning and stated that the Psychology Department had been located temporarily in the Medical Center.

The Chairman stated that Governor Combs had requested that the University Band be allowed to attend the Inauguration of President Kennedy as representatives of the State; that there would be between 75 and 100 students who would miss their final examinations on Friday, January 20; that they would return to the campus about eight o'clock Saturday morning. He stated that Dean White had given each member of the Band a statement to give to his instructors, asking that they be as considerate as possible in arranging for the examinations to be made up. The manner of making up examinations was to be left to the individual judgments of the instructors, that if they wished to give the examinations early, or in the evening, or if they wished to excuse any that were doing satisfactory work, their decisions would be acceptable. He also suggested that if any instructors preferred to give grades of I, allowing the students to make up the work within the thirty days after they register for the next semester, they could do so.

In the absence of Dean White, Dr. Meadow presented recommendations from the College of Arts and Sciences covering new courses, changes in courses, and dropping of courses; also a recommendation that Anthropology 121, Cultural Anthropology, be offered by television with resident credit. All recommendations were approved by the University Faculty.

#### NEW COURSES

Diplomacy & International Commerce 524, EXPORTING AND IMPORTING TECHNIQUES (3)

(If not approved by the Graduate Council the number will be 324.)  
A study of the methods and procedures involved in the import and export of goods. Prereq: Econ 527.

History 229, THE ANCIENT NEAR EAST AND GREECE TO THE DEATH OF ALEXANDER THE GREAT (3)

Covers the birth of civilization in Egypt and Mesopotamia, and the history of the Ancient Near East and Greece to the conquest of Greece by Philip of Macedon.

History 230, THE HELLENISTIC WORLD AND ROME TO THE DEATH OF CONSTANTINE. (3)

Covers the conquests of Alexander the Great, and the main features of the Hellenistic World, the Roman Republic and the Roman Empire to the death of Constantine.

History 573, HISTORY OF CLASSICAL GREECE. (3)

(If not approved by the Graduate Council the number will be 373.)  
Covers the major political, economic, social, and intellectual developments in Greece from the Persian Wars to the close of the war between Athens and Sparta. Emphasis will be placed on the reading of primary source material in translation.

## History 574, FOURTH CENTURY GREECE. (3)

(If not approved by the Graduate Council, the number will be 374.)

Traces the intellectual and social developments of Greece in the fourth century; the decline of the city-state system, and the rise of Macedon. The semester will end with the conquests of Alexander the Great. Prereq: History 573 or consent of the instructor.

## History 576, THE ROMAN REPUBLIC FROM 133 B.C. to 27 B.C. (3)

(If not approved by the Graduate Council the number will be 376.)

The history of the Roman Republic from 133 B.C. to 27 B.C. The first semester will stress the effects of Rome's political expansion on her republican institutions, and the history of the Roman Revolution. The use of ancient source materials (in translation) will be emphasized.

## History 577, HISTORY OF THE ROMAN EMPIRE FROM 27 B.C. to A.D. 117. (3)

(If not approved by the Graduate Council the number will be 377.)

The history of the Roman Empire from 27 B.C. to A.D. 117. The second semester will cover the founding of the Roman Empire by Caesar Augustus, the political history of the Empire through the reign of the Emperor Trojan, and the social and intellectual history of the Graeco-Roman world during the early Empire. Prereq: History 576 or consent of the instructor.

## Mathematics and Astronomy 012, TRIGONOMETRY LAB. (no credit)

To be taken with M&A 112.

## Physics 111, GENERAL ELEMENTARY PHYSICS. (3)

An elementary course covering the mechanics of solids, liquids, and gases; and heat. Lectures and recitations, four hours. Prereq: High School or College Algebra, Plane Geometry. (Open only to Physics majors.)

## Psychology 336, APPLICATIONS OF STATISTICS IN PSYCHOLOGY. (3)

An introduction to statistical procedures used in making decisions based on psychological data. Not available for credit to students who have had a previous statistics course. Prereq: Psy 100.

Drop

Chemistry 524, ADVANCED QUANTITATIVE ANALYSIS

History 228, THE ANCIENT WORLD

Political Science 581, POLITICAL LEADERSHIP

Change in title and description

Geography 155, from ECONOMIC GEOGRAPHY SURVEY TO:

ECONOMIC GEOGRAPHY OF THE WORLD.

Description and analysis of world patterns of major resources and their development through agriculture, fishing, forestry, mining, manufacturing, transportation, and trade.

Change in title, number, credit and description

ART 100, INTRODUCTION TO ART. (2) to

Art 100, ORIENTATION IN ART. (1) I

Introduction to the major forms of visual art, with detailed study and analysis of original works of art. Discussions, studio and gallery presentations, art films, etc. Required of and open only to prospective majors in art.

and

Art 101, ORIENTATION IN ART. (1) II  
Continuation of Art 100

Change in amount of credit to be allowed:

Art 509, SEMINAR IN ART, 1 credit each, from: may be repeated once for a total of two credits, to:

May be repeated three times for a total of four credits.

Change in title, prerequisite and credit

Art 330, from ADVANCED DESIGN, 2 credits, to:

ADVANCED SCULPTURE AND DESIGN, 3 credits.

New prerequisite: Art 130 and 236 or 237.

Certain changes in the numbering of some courses necessitated by the new numbering system

MFL Cla, Elementary French (oral approach), 4 credits, to MFL 104  
MFL Clb, Elementary French (oral approach), 4 credits, to MFL 105  
MFL C81a, Elementary Spanish (oral approach), 4 credits, to MFL 144  
MFL C81b, Elementary Spanish (oral approach), 4 credits, to MFL 145

Change in credit

Chemistry 430 and 432, ORGANIC CHEMISTRY, from 5 credits each to 4 or 5 credits each

Mathematics and Astronomy 112, PLANE TRIGONOMETRY, from 3 credits to 2 credits.

Mathematics and Astronomy 113, ANALYTICS AND CALCULUS I, from 3 crs. to  
History 508, COLONIAL LATIN AMERICA, from 2 credits to 3 credits

History 509, LATIN AMERICAN REPUBLICS, from 2 credits to 3 credits

The Faculty approved a recommendation from the College of Agriculture and Home Economics, presented by Dean Wall, for approval of one new course.

Horticulture 329 - Ornamental Plants. (2) II (Alternate Years)

A detailed knowledge of woody ornamental plants; their systematic identification, hardiness, growth habit, size, culture, adaptation to environmental conditions, uses, and outstanding horticultural characteristics. Lecture one hour, lab two hours, Prerequisites: Horticulture 100, 150, Botany 101, 102, and approval of instructor.

Dean Slone presented a recommendation from the College of Pharmacy that Billy L. Stover be permitted to receive his degree as of January 4, 1961, the date he completed all requirements, in order that he might take the State Board examinations in January. The University Faculty approved the recommendation.

Dean Dake presented for the College of Nursing a description of Nursing 102, Foundations of Nursing, which was approved.

102 Foundations of Nursing

An overview of man's physical, social and psychological development as it pertains to the role of the nurse.  
Prerequisite: 101 4 semester credits.

Dean Dawson presented recommendations from the Graduate Council covering new strictly graduate courses, graduate credit for courses previously approved for undergraduate credit, and the dropping of one course. The recommendations were approved as presented.

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

1. Chemical Engineering 565 - Petroleum Refinery Engineering (3)  
Application of chemical engineering fundamentals to petroleum processing methods and equipment. Prerequisites: C.E. 422 or equivalent and consent of instructor.
2. Education 529 - Evaluation in Industrial and Distributive Education (2)  
The theory and practice of standardized, classroom, and performance testing as a means of measuring student achievement. Opportunity to practice will be provided in keeping with each teacher's work assignment. Prerequisite: Must be employed as teacher in Trade or Distributive Education.
3. Electrical Engineering 585 - Molecular Engineering (3)  
Molecular approach to the behavior of gaseous conductors, semi-conductors, dielectrics and magnetic materials; emphasis on modern semi-conductor electronic devices such as masers, lasers, Esaki diodes, Zener diodes, and micro-modules. Prerequisites: MA 431, EE 567 or equivalent, EE 520 prerequisite or concurrent.

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

1. Economics 651 - Research Statistics II (3)  
Inferences involving linear transformations of random variables; individual degrees of freedom; complex analysis of covariance. Applications to economic and business data. Prerequisite: Economics 650.
2. Economics 652 - Experimental Design (3)  
Role of experimentation in the scientific method; basic principles of design related to problems of randomization and replication; analysis of specific designs including randomized blocks, Latin squares, and elementary factorial systems. Applications to economic and business problems. Prerequisite: Economics 651.
3. Education 777 - Seminar in Counseling and Guidance (3)  
A seminar for advanced graduate students. Designed to develop deeper understandings and clearer insights in guidance and counseling, through critical examination and discussion of pertinent theories, research reports, case records and counseling experiences. Prerequisites: 36 hours in Counseling and Guidance, including Practicum (Ed. 761 or Psych. 665), approval of adviser and staff.

4. Education 778 - Seminar in History of Education in Kentucky (3)  
A seminar for graduate students in education who are interested in developing a background and perspective upon educational problems by study of the history and development of education in Kentucky.
5. Electrical Engineering 601 - Electromagnetic Energy Conversion I (3)  
General dynamical theories are developed for electromechanical energy systems. Various constraints are applied to the generalized equations of motion and energy transfer. Prerequisites: EE 517, 567 or equivalent.
6. Electrical Engineering 602 - Electromagnetic Energy Conversion II (3)  
Continuation of EE 601, with special attention to specific areas of machine types. Prerequisites: EE 601 or equivalent.

III. The Graduate Council recommends the following changes in existing courses:

1. Education 514 (old 192) - Teaching General Business Subjects in the Secondary Schools  
Change from a two-hour course to a three-hour course.
2. Education 520 (old 147) - The Secondary School Pupil  
Change from a two-hour course to a three-hour course.
3. Education 538 (old 110) - Advanced Arts and Crafts in the Elementary School  
Change from a two-hour course to a three-hour course.
4. Education 795 (revision of 289a,b) - Research Problems in Agricultural Education (3 ea.)  
Change from a three-hour course offered once to a three-hour course which may be repeated twice to a maximum of nine hours.
5. Metallurgical Engineering 745 - Carbonization of Coal  
Change from six credits to three credits, title changed from Technology of Low Temperature Carbonization to Carbonization of Coal, course description changed to correspond.
6. Metallurgical Engineering 781 - Special Problems, Literature and Laboratory  
Change from three credits per semester (repeated for a total of nine hours) to variable credit (1,2, or 3 hours per semester).
7. Mining Engineering 621 - Advanced Prospecting  
Change from two to three credits with addition of lab.

IV. The Graduate Council recommends that the following course be dropped.

Metallurgical Engineering 757 - Microscopy of Slags and Refractories.

The Graduate Council recommends approval of the following strictly graduate courses:

1. Education 645 - Foundations of Education (3 - may be repeated once to a maximum of 6 semester hours). An intensive study in various foundational fields which contribute to the development of educational theory and practice. Prerequisite: 12 semester hours education at undergraduate level. (Revision of Education 201).
2. Political Science 752 - Problems in State and Local Government (3)  
An intensive study of the basic problems of state and local government.

The University Faculty adjourned at 4:30 p.m.

*Charles F. Elton*  
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 Secretary