

Minutes of the University Faculty, January 13, 1958

The University Faculty met in the Assembly Room of Lafferty Hall, Monday, January 13, at 4:00 p.m. President Dickey presided. Members absent were A. D. Albright, Howard W. Beers, George B. Byers, Frank J. Cheek, Jr., Morris Cierley, L. W. Cochran\*, Carl B. Cone, Vincent Cowling, W. P. Garrigus, Leonard E. Meece, Paul Oberst, Frank D. Peterson, Ralph R. Pickett, Helen M. Reed, R. E. Shaver\*, Roy E. Sigafus, E. G. Trimble, William R. Willard and Kenneth R. Wright.

The minutes of December 9, 1957 were read and approved.

Dean White presented for the College of Arts and Sciences a proposed modification in the lower division requirement in Foreign Languages and in the present requirements for a departmental major. Both recommendations were approved by the University Faculty.

The Faculty of the College of Arts and Sciences recommends that:

1. The present lower division requirement in foreign language be changed to:  
Foreign Languages, 12 semester hours in one language, 9 of which may be waived on the basis of placement tests.

In the case of foreign students whose native language is not English, English will be considered their foreign language.

2. The present requirements for a departmental major be changed to:  
A student may major in any department by fulfilling the requirements as listed by that department. Courses in the major subject, not open to freshmen (unstarred) must constitute at least  $1/8$  and not more than  $2/5$  of the minimum credits required for graduation. The maximum may be exceeded if the additional credits in the major subject are taken in excess of the minimum required for graduation.

Dean Wall presented for the College of Agriculture and Home Economics a list of courses to be dropped, courses to be added, and changes in courses which were approved by the Faculty.

COURSE TO BE DROPPED

Home Economics 180 Aging and Later Maturity (3 cr.)

CHANGE IN NUMBER, TITLE, CREDIT, DESCRIPTION

From: Home Economics 52, Introduction to Child Development (4 cr.)

To: Home Economics 55, Child Development (3 cr.) I, II  
Development of children from birth through primary school years with directed observation of children. Lecture, two hours; lab, two hours.

From: Home Economics 154, Family Living (4 cr)

To: Home Economics 53, Courtship and Marriage (3 cr) I, II  
Dating, engagement, and factors affecting a successful marriage.  
Lecture, two hours; discussion lab, two hours.

\*Absence explained

Minutes of the University Faculty, January 13, 1958

From: Home Economics 153, Techniques of Guidance for the Pre-School Child (4 cr.)  
 To: Home Economics 151, Guiding Children's Routines (3) I, II  
 Participation in supervised activities such as rest and food service  
 in the nursery school. Lecture, one hour; Lab, four hours. Prereq: HE 150

CHANGE IN NUMBER, TITLE, DESCRIPTION

From: Home Economics 152, Child Care and Development (3)  
 To: Home Economics 150, Child Guidance (3 cr) I, II  
 Theories and practice in guiding children's development both at home  
 and in the nursery school, with participation in nursery school  
 guidance. Lecture, two hours; lab, two hours. Prereq: H E 55

COURSES TO BE ADDED

Home Economics 54, Psychology of the Child (3 cr) I, II, S  
 The development of behavior from birth to maturity. The problems of conduct  
 arising during infancy, childhood, and adolescence in relation to child care  
 and training. Prereq: Psychol. 1 (Same as Psychology 7 - to be taught in  
 Psychol. Dept.)

Home Economics 180a-b, Supervised Nursery School Participation (3 cr ea) I, II  
 Experience in teaching a nursery school group. Lecture, one hour; lab, four  
 hours. Prereq: H E 150

Home Economics 181, Nursery School Organization (3 cr) I, S  
 Organization and administration, including housing, equipment, program,  
 records, parent cooperation. Field trips to nursery schools. Lecture,  
 three hours. Prereq: H E 150

Home Economics 182, The Child in His Family (3 cr) II, S  
 Preparation and presentation of reports of studies of family influences on  
 the personality and development of children. Lecture, three hours.  
 Prereq: H E 53, 150 or consent of instructor.

These proposed course changes to be effective September 1, 1958.

In the absence of Dean Shaver, Professor C. S. Crouse presented recommenda-  
 tions from the College of Engineering for new courses, dropped courses, and  
 changes in courses. The University Faculty approved these recommendations.

NEW COURSES TO BE ADDED

Met E 185 POWDER METALLURGY. (3) I, II Swift  
 The production and testing of metal powders. The theory of sintering  
 without and with a liquid phase. The practice and theory of com-  
 packing metals powders into useful forms. Lecture and recitation,  
 3 hours. Prerequisite: Met E 140 or permission of the instructor.

Met E 167 MINERALS BENEFICIATION LABORATORY. (1) II Spokes  
 Application of the principles studied in Met E 166. Laboratory, two  
 hours. Concurrent: Met E 166.

Minutes of the University Faculty, January 13, 1958COURSES TO BE DROPPED

Electrical Engineering 115R DIRECT CURRENT MACHINERY, 2 credits.  
 Electrical Engineering 115L DIRECT CURRENT MACHINERY LABORATORY, 1 credit.  
 Electrical Engineering 139 TELEPHONY, 3 credits.

CHANGE OF COURSE TITLE

Electrical Engineering 116R -- from ALTERNATING CURRENT MACHINERY to  
 ELECTRICAL MACHINERY.  
 Electrical Engineering 116L -- from ALTERNATING CURRENT MACHINERY LABORATORY  
 to ELECTRICAL MACHINERY LABORATORY.

EXPANSION OF COURSES

Electrical Engineering 120 -- (expand as follows)

Electrical Engineering 120a ELECTRICAL CIRCUIT ANALYSIS. (3) II Jackson  
 A study of engineering analysis stressing fundamental mathematical and  
 physical principles; electrical duals, electrical-mechanical analogies;  
 series solution of differential equations; Bessel and hyperbolic functions,  
 Fourier analysis; introduction to vector analysis. Lecture and recitation,  
 2 hours; problem session, 2 hours. Prerequisite: EE 114R, 114L

Electrical Engineering 120b ELECTRICAL CIRCUIT ANALYSIS. (3) I Jackson  
 A continuation of EE 120a. Investigation of transient and steady state  
 conditions in electrical and mechanical systems, using Laplace transform  
 methods; network analysis and synthesis. Two and four-terminal reactive  
 networks. Feedback system stability criteria. Lecture and recitation,  
 2 hours; problem session, 2 hours. Prerequisite, EE 120a.

Electrical Engineering 137 -- (expand as follows)

Electrical Engineering 137a ELECTRIC POWER TRANSMISSION (3) I Maney  
 Transmission line parameters, generalized circuit constants, circle diagram  
 and per-unit computations; three-phase faults; introduction to Symmetrical  
 Components. Lecture and recitation, three hours. Prerequisite: EE 116R,  
 116L.

Electrical Engineering 137b ELECTRIC POWER TRANSMISSION (3) II Maney  
 Continuation of EE 137a. Line-to-ground faults; sequence impedance networks  
 for lines, transformers and machines; unsymmetrical faults on power systems;  
 power system stability; voltage and frequency regulation. Lecture and  
 recitation, three hours. Prerequisite: EE 137a.

Electrical Engineering 165 (2 cr) -- (expand as follows)

Electrical Engineering 165 FIELDS AND WAVES (3) I, II Romanowitz  
 Fundamental theory of current potential, power and electric and magnetic  
 fields, using vector equations, Maxwell's equations; plane waves, power  
 flow and the Poynting Vector; reflection, radiation and antenna theory.  
 Lecture and recitation, three hours. Prerequisite. EE 120a.

Minutes of the University Faculty, January 13, 1958

Dean Carpenter presented a recommendation from the College of Commerce for a new course, Commerce 185, Bank Management, which was approved.

New Course

Commerce 185, Bank Management (3) II Masten

A study of the principles and cases in commercial banking practice. Bank management practices are studied within the economic, monetary, fiscal and legal framework of the American economy. Prereq: Econ 105 or consent of instructor.

Dean Slone presented a request from the College of Pharmacy to change Pharmacy 31a and b, each two credit hours, to Pharmacy 31 and 32, three hours each. This request was approved by the Faculty.

On November 1, 1956, the College of Pharmacy presented a proposal for the current four-year program. This was again presented on the date of December 3, 1956, and was agreed upon by the University Faculty, December 10, 1956.

In transcribing the changes, we inadvertently listed Pharmacy 31a and Pharmacy 31b, each two credit hours, which should have become Pharmacy 31 and Pharmacy 32, each three credit hours. The titles are respectively DRUG STORE ACCOUNTING and DRUG STORE RETAILING. We ask confirmation of this change so that the Registrar's course file will correspond with actual practice.

Dean Spivey presented recommendations for the Graduate Council concerning graduate credit for certain courses in Engineering, Sociology and History. All the recommendations were approved by the University Faculty

I. The Graduate Council recommends approval of graduate credit for the following course, previously approved by the University Faculty for undergraduate credit.

Mechanical  
Engineering 142

(3) Aeronautical Meteorology. Prerequisites: ME 134, ME 107, or equivalent. Description: Introduction to atmospheric statics, thermodynamics, and dynamics, ozone theories, dissociation of oxygen and solar radiation; observational techniques including performance analysis of airborne and ballistic vehicles.

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

Sociology 203a,b

(3 each) Topical Seminar in Sociology. Prerequisite: At least 9 hours in the Social Sciences, preferably in Sociology. Description: Advanced study of topics of current importance in sociology, such as structural strain and social change, game theory, decision processes, communication and power structure.

Minutes of the University Faculty, January 13, 1958

Sociology 208

(3) Research Design and Analysis. Prerequisite: M&A 4 or equivalent, Sociology 124; Sociology 206 (Advanced statistical Methods for Sociologists) prior or concurrent. Description: Problem definition and delimitation, design appropriate to problem and data, and selection of appropriate analysis techniques; critical examination of representative research studies and students' designs.

Mechanical

Engineering 219

(3) Advanced Aeronautical Meteorology. Prerequisite: ME 142, or instructor's consent. Description: Atmospheric thermodynamics, and dynamics. Adiabatic changes of moist air through vertical motion, effects on aircraft. Energy equations; equations of motion on rotating globe; rocket-spectro-graphic studies.

III. The Graduate Council recommends the following change in History 300:

Change History a-d, Seminar in American Diplomacy

(3 each), to History a-d, Seminar in American History (3 each)

Dean L. L. Martin presented a request for Faculty approval of three new student organizations: The Kentucky Travelers Club, the Speech and Hearing Society of the University of Kentucky, and the Kentucky Student Branch of the American Society of Agricultural Engineers. The University Faculty approved all three organizations. The Faculty also approved, at the request of the Inter-Faith Council, a "Religion in Life" convocation, to be held at the third hour on March 3. Third hour classes are to be dismissed for the convocation. The request was presented by Dean Martin.

The Faculty heard a report from Dean Martin that fraternities at the University of Kentucky, on the basis of scholarship, had attained the highest rating among fraternities in the country for 1956-57. It was explained that the fraternity scholarship standings represented their average deviation from the all-men's average for the same period.

President Dickey called on Dr. Thomas D. Clark, Chairman of the Committee of Fifteen, to give the Faculty a brief resume' of the activities of that Committee, which had been established in 1954. Dr. Clark stated that there were some misconceptions of the functions of the Committee on the campus. He emphasized that this was not an administrative committee, not a house-cleaning committee, and that it was not engaged in preparing for the University Centennial Celebration in 1965, but said the Committee wished to help bring the University up to a point where it would be worthy of a celebration in 1965.

Dr. Clark stated that the Committee was composed of regular members and members of sub-committees. The subcommittees' reports are made to the Committee of Fifteen and discussed thoroughly, after which they are turned over to the President for possible reports to the Faculty and to the Board of Trustees. Dr. Clark gave a brief resumé of some of the reports that the Committee had made. One of these was on the aims and objectives of the University and Dr. Clark expressed the wish that this would become reading matter for the Faculty at the opening of each academic year. Other reports have been on the University budget and faculty salaries. One result of the Committee's work has been the removal of the legal limitation on faculty salaries. One of the sub-committees deals with an investigation of the curriculum.

Minutes of the University Faculty, January 13, 1958

Dr. Clark called on Dr. Riley, Chairman of the Sub-committee on Library, for a brief report. Dr. Riley reported on visits by his sub-committee to libraries at Harvard, Princeton, Columbia, Michigan, Illinois, Yale and Missouri Universities where they studied the organization and administration of undergraduate and graduate libraries.

President Dickey expressed appreciation of the efforts and accomplishments of the Committee of Fifteen and its sub-committees.

The Faculty adjourned at 5:05 p.m.

*Charles F. Elton*  
Charles F. Elton  
Secretary

Minutes of the University Faculty, February 10, 1958

The University Faculty met in the Assembly Room of Lafferty Hall, Monday, February 10, at 4:00 p.m. President Dickey presided. Members absent were George B. Byers, Morris Cierley\*, Jesse DeBoer\*, Betsy W. Estes, W. P. Garrigus, Lyman V. Ginger, Robert D. Haun, Wilbur A. Heinz, Gladys M. Kammerer, Leonard E. Meece, Frank D. Peterson, Helen M. Reed, Hill Shine, Earl P. Slone, Robert Straus\*, W. A. Sutton, Jr., Lawrence Thompson\*, L. H. Townsend, and William R. Willard.

The minutes of January 13, 1958 were read and approved.

Dean White presented two recommendations from the College of Arts and Sciences; (1) that Pershing Rifles be absent from the campus March 27-30 in order that they may participate in the Tenth Annual Illinois Invitational Drill Meet at Champaign, Illinois, and (2) that majors in the Department of Physical Education be allowed to be absent from the campus February 25-27 in order that they may take their annual field trip and attend the Southern Convention of the American Association for Health, Physical Education and Recreation. Both trips were authorized by the University Faculty.

Dean Shaver presented a recommendation from the College of Engineering that five students in Civil Engineering be permitted to be absent from the campus February 25 to March 1, in order to attend a meeting in Chicago of the Student Section of the National meeting of the American Society of Civil Engineers. The University Faculty voted approval of the recommendation.

\*Absence explained