

The University Faculty met in regular session at 4:00 p.m., Monday, May 8, 1961, in the Assembly Room of Lafferty Hall, President Dickey presided. Thirty-seven members were absent.

The minutes of April 10 were read and approved.

Dean Shaver presented for the College of Engineering recommendations concerning dropped courses and a new course which were approved by the Faculty.

Courses to be Dropped

General Engineering 351 - FIRE PROTECTION ENGINEERING - 2 credits
General Engineering 353 - SAFETY ENGINEERING - 2 credits

New Course to be Added

Mechanical Engineering 350 - SAFETY ENGINEERING - 3 credits

A study of industrial accidents prevention, accident statistics, industrial and general hazards, fire protection, codes and standards of safety. The course is designed for those who may enter the fields of design or production engineering. Lecture and recitation, three hours per week.
Prereq: ME 251 and Chem 101 or 106.

Acting Dean Dawson presented recommendations from the Graduate Council for approval of graduate credit for certain courses, approval of strictly graduate courses, changes in courses offering graduate credit, and the dropping of certain courses for graduate credit. These recommendations were approved by the Faculty.

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

1. Botany or Zoology 400-401 - Fundamentals of Biology for Secondary School Teachers (4)
A Course designed to aid the teacher in the selection of subject matter and in the presentation of modern biology to high school students. Lectures, discussions, laboratories, ten hours per week.
Prerequisite: Employment as high school teacher.

2. Botany or Zoology 402 - Advanced Topics in Biology for Secondary School Teachers (4)
A treatment of selected topics from the point of view of modern developments designed to aid the high school teacher to keep abreast of changes in theory and practice, to increase his knowledge of subject matter, and to provide better motivation for his students. Lectures, discussions, and demonstrations, eight hours per week. Prerequisite: Employment as high school teacher and consent of instructor.

MINUTES OF THE UNIVERSITY FACULTY, MAY 8, 1961

3. Chemistry 406-407 - Fundamentals of Chemistry for High School Teachers (4)
A course to aid the teacher in the selection of subject matter and in the presentation of modern chemistry to high school students. Lectures, discussions, six hours. Six hours of laboratory work. Prerequisite: Employment as a high school teacher.
4. Chemistry 506 - Advanced Topics in Chemistry for High School Teachers (4)
A course in selected topics and modern developments to enhance the competence of the high school teacher. Lectures and discussions, twelve hours. Prerequisite: Employment as a high school teacher and consent of the instructor.
5. Education 530 - The Nature and Needs of Retarded Children (3)
A critical examination of pertinent research in reference to the educational, physical, and psychological nature and needs of the educable and trainable mentally retarded child, including interpretation of psychological tests. Evaluation of the physical, social, emotional and mental characteristics of the retarded, to assist the classroom teacher to recognize the social potential of each child to the degree that the child with retarded mental development may become less of a burden to himself and society.
6. Electrical Engineering 563 - Transistor Circuit Design (3)
Small- and large-signal amplifier design, cascaded amplifiers; stability, feedback; pulse circuits, switching; currently developed devices. Lecture and recitation 3 class hours.
Prerequisite: EE 562 or equivalent.
7. Engineering (Architecture) 432 - Seminar in Architectural History. (2)
A research seminar in special problems of architectural history and philosophy.
Prerequisite: Approval of instructor.
8. History 584 - Russian Revolutions and the Soviet System I (3)
Study of the fundamental factors leading to the collapse of the monarchy, with emphasis upon the reforms and governmental policies,

their shortcomings, and the pressures of discontent that generated revolutionary movements. Prerequisite: History 104-105 or History 285-286 (depending on the discretion of the instructor).

9. History 587 - Russian Revolutions and the Soviet System II (3)
A continuation of 584, this course examines the ideological bases and raison d'etre of the Soviet State, before undertaking analyses of those conditions and policies which have molded the totalitarian system during the past four decades. Prerequisite: History 104-105 or History 265-286 (at the discretion of the instructor).
10. History 589 - History of Russian Social and Political Thought, 1789-1914. (3)
A study of the significant trends and concepts which evolved among the Russian intelligentsia is undertaken, with particular attention given to those ideas and doctrines which gave direction to revolutionary movements in Russia. Prerequisite: History 584 and 587 (or its equivalent with consent of instructor).
11. History 591 - Political and Diplomatic History of East Central Europe from the French Revolution to the End of World War I. (3)
A survey of the major factors and events which conditioned the political life and identity of the predominantly Slavic peoples inhabiting the region from Poland south to the Balkans, excluding the Eastern Slavs. Prerequisite: History 104-105 (or consent of the instructor).
12. History 594 - Political and Diplomatic History of East Central Europe since World War I. (3)
A comparative study is made of the political institutions and policies of these states located in the north-south corridor stretching from the Baltic to the Aegean-Adriatic Seas, their intra-regional relations and roles in European diplomacy. Prerequisite: History 104-105 (or consent of instructor).
13. Physics 401 - Structure of Physical Systems (3)
A lecture course introducing the mechanical and electromagnetic principles upon which the analyses of many physical systems rest, and specific discussions of the properties of the following: the atom, crystal structure, the atomic nucleus, and nucleons. Lectures, five hours. Prerequisite: Employment as a high school science teacher, and consent of department.
14. Sociology 502 - Laboratory in Methods of Demographic Analysis (1)
Application of statistical techniques employed in the analysis of census and vital statistics data, including methods of population standardization, life table construction, and preparation

MINUTES OF THE UNIVERSITY FACULTY, MAY 8, 1961

of population estimates. Three hours weekly.
Prerequisites: An introductory course in statistics and Sociology 501 (may be taken concurrently).

15. Sociology 582 - Measurement of Attitudes and Public Opinion (3)
 Attention is focused upon measurement procedures in the study of public opinion and attitudes. Study of contemporary research problems included. Prerequisite: one of following--Introductory Statistics, Sociology 548, or Sociology 581.

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

1. Civil Engineering 625 - Advanced Soil Mechanics (3)
 Study of the physical, mechanical and engineering properties of soils. Lecture, 3 hours per week. Prereq: CE 425 or consent of instructor.
2. Civil Engineering 626 - Soil Testing for Engineering Purposes (3)
 Theory and techniques of sampling and identification, classification, strength, permeability and consolidation tests on soils. Lecture and laboratory, 7 hours. Prerequisite: CE 425, 625 or concurrent.
3. Civil Engineering 627 - Applied Soil Mechanics (3)
 Application of Soil Mechanics to the design and analysis of earth structures. Lecture, 3 hours per week. Prereq: CE 625 or consent of instructor.
4. Civil Engineering 628 - Advanced Foundation Engineering (3)
 Application of the principles of Soil Mechanics to the design and analysis of foundations. Lecture, 3 hours. Prerequisite: CE 625 or consent of instructor.
5. Modern Foreign Languages 780 - Special Studies in French (3 - may be repeated to maximum of 6 hours credit)
 Selected studies and investigations in the French language and literature, permitting the student to work in areas of special interest, and providing opportunity for original endeavor. Prerequisite: Consent of instructor.
6. Political Science 779 - Political Behavior (3)
 A study of recent research in the field of political behavior, with particular emphasis on voting and

MINUTES OF THE UNIVERSITY FACULTY MAY 8, 1961

legislative behavior studies. Prereq:
A course in political parties or public
opinion.

7. Sociology 792 - Research in Sociology (1-6-variable; may be
repeated to a maximum of
10 hours.)

Individual research and reading in particular
fields of sociology, under staff supervision.
Open to advanced students who are prepared for
intensive study beyond that offered in regular
classes in each field.

III. The Graduate Council recommends the following changes
in courses offering graduate credit:

1. Change in Course Number and Credits

Modern Foreign Languages 521, Independent Work in German,
may be repeated for a total of 12 credits (3 credits per
semester)

to

Modern Foreign Languages 396, Independent Work in German,
may be repeated for a total of 6 credits (3 credits per
semester)

Modern Foreign Languages 552, Independent Work in Spanish,
may be repeated for a total of 12 credits (3 credits per
semester)

to

Modern Foreign Languages 397, Independent Work in Spanish,
may be repeated for a total of 6 credits. (3 credits per
semester)

2. Change in Course Number, Credits and Description

Modern Foreign Languages 521, Independent Work in German,
3 credits, may be repeated for a total of 12 credits

to

Modern Foreign Languages 781, Special Studies in German,
3 credits, may be repeated for a total of 6 credits
Selected studies and investigations in the German language
and literature, permitting the student to work in areas
of special interest, and providing opportunity for original
endeavor.

Modern Foreign Languages 552, Independent Work in Spanish,
3 credits, may be repeated for a total of 12 credits

to

Modern Foreign Languages 782, Special Studies in Spanish,
3 credits, may be repeated for a total of 6 credits
Selected studies and investigations in the Spanish language
and literature, permitting the student to work in areas of
special interest, and providing opportunity for original
endeavor.

MINUTES OF THE UNIVERSITY FACULTY MAY 8, 1961

3. Change in Credit

Sociology 780, Special Problems in Sociology, from 1 credit, may be repeated for a total of 10 credits
to 1-6 credits, may be repeated for a total of 10 credits.

IV. The Graduate Council recommends that the following courses be dropped for graduate credit:

1. History 585 - History of Russia to 1905
2. History 586 - History of Russia since 1905
3. Physics 520 - X-Ray Technique

President Dickey stated that prior to the April meeting of the University Faculty, the written proposal of the second year program of the College of Medicine was circulated to its members. Subsequently, by letter, one of the proposed courses, Conjoint 221, Fundamentals of Infectious Diseases, was questioned by the Department of Microbiology on grounds of "exact duplication" of offerings in that department. Similarly, Conjoint 222, Parasitic Diseases of Man, was questioned by the Department of Zoology. In the April Faculty meeting, after a motion and its second to approve the second-year program as proposed by the College of Medicine, the question of duplication by these two courses was orally raised again and action on the second year curriculum was postponed.

In accordance with specified procedures, President Dickey stated that he appointed a committee whose mandate was to examine the matter of duplication and report the findings of the examination; that the Committee had submitted its report and fulfilled its mandate and that, on the basis of the report and also upon the further labors of the Committee to resolve a more basic problem, he accepted readily both the privilege and the obligation to make a recommendation to the Faculty. However, in recognizing the more basic problem, he first wished to make some prefacing comments.

He stated that "In functions, programs, activities, concepts, and procedures, an institution such as this one is a multiversity. It is complex in its service of individual, group and social needs. But if such an institution is to become more than the simple additive result of its various units, hardly anyone can doubt that there must be a pervasive common purpose and dedication which transcend the immediate objective of any particular part. This is one essential to make of diversity a university. It requires cooperation among units--a willingness and an ability to plan and work and use in many instances the resources available across the boundary lines of arbitrary jurisdiction.

The University of Kentucky does not enjoy the luxury of unlimited resources, as we all know so well, this condition can hardly be improved by examples of inability to utilize wisely what we have. And to use wisely what we have will surely call for an interchange, and interrelating, and focusing of resources and competencies where needed regardless of f.o.b. or point of origin. Again, cooperation of a two or tenway variety seems reasonable. Unity of parts is necessary.

All of us have a right to hold these expectancies. This is a community of scholars and of people too. And this University can be more than a geographic definition of community, I am convinced."

MINUTES OF THE UNIVERSITY FACULTY MAY 8, 1961

The Committee in willingly accepting the limited mandate to study duplication pertaining to these two courses in question did recognize that a more fundamental problem was symptomized by this case, though its report will not reflect its efforts for resolution of that problem.

The president then read the findings of the committee:

This Committee, which you appointed following the April meeting of the University Faculty, interpreted its mandate to be that of determining duplication of present offerings in Microbiology and Zoology by the proposed Conjoint 221 and Conjoint 222 medical courses.

The Committee found that:

1. Conjoint 221, Fundamentals of Infectious Diseases,
 - a. has no one-course counterpart in the Department of Microbiology;
 - b. covers principal components of three courses presently offered in Microbiology; but,
 - c. includes additional material and content in infectious diseases not presently incorporated in Microbiology courses.
2. Conjoint 222, Parasitic Diseases of Man,
 - a. has no one-course counterpart in the Department of Zoology;
 - b. covers principle elements of four courses presently offered in the Department of Zoology; but,
 - c. includes additional material and content in human parasitic diseases not presently incorporated in Zoology courses.

Though the accepted mandate was limited and fulfilled, the Committee attempted to minimize a more basic problem of which the question of duplication is symptomatic. The attached reports will depict part of this attempt. And they will also convey the extent of desired success the Committee was unable to achieve in the time and under the conditions imposed.

Sincerely,

A. D. Albright
Chairman, Committee on
Medical Courses

after which he recommended that Conjoint 221 and Conjoint 222 be approved with the following provisions:

1. Conjoint 221 be retitled, such as "The Fundamentals of Microbiology and Infectious Diseases."
2. The use of personnel resources from the Departments of Microbiology and Zoology be planned and arranged for appropriate parts of these two courses, the initiative for this planning and arranging to be a responsibility of the College of Medicine, and the personnel so designated by joint listing for these courses.
3. When any new personnel for these courses are sought, the participation of the respective Departments be obtained in the selection process, and when employed, conjoint listing is to occur.
4. Inasmuch as an overall responsibility for the coordination of educational programs is a part of the assignment made to the Office of Provost, that office shall be responsible for the realization of these provisions and others that in the course of the planning shall be necessary.

The University Faculty voted approval of the President's recommendations. Then, upon motion and second, the Second Year Curriculum of the College of Medicine was approved as amended.

Dr. G. W. Schneider, Head of the Department of Agricultural Extension, presented a report from the Program Committee on the Eastern Kentucky Resources Development Program.

He stated that while the University had made a contribution to the eastern Kentucky area through its academic training of people who had returned to that section, its research substation at Jackson, agricultural extension workers, county agents, Extended Programs, Bureau of School Service, and others, it had not been enough. Upon determination that a much broader base of activities should be established to encompass that area's total resources development, a request for a grant from the Kellogg Foundation was made and approved in the amount of approximately \$750,000 over a seven-year period and that 30 counties were involved in the Resources Development Program.

He said that the state and its governmental agencies, through the University, would work with private and other interested groups in carrying out a greater program of resources development; that upon approval of the Kellogg grant a University-wide Committee was appointed to develop general guide lines for the operation of the Project; that at the present time roughly one-half of the Committee is made up of workers in the areas of Sociology and Economics, and the remainder of Agriculture; that positions have been filled in the fields of Industrial Location and Development; Adult and Career Guidance, and Job Placement; Youth Development; Community Improvement and Planning; Marketing, Management, and Transportation; Forest Management and Utilization; Poultry Production; Soil, Water, and Cooperative Management; Contacts and Public Information Activities; plus others, and that the program is not a fixed one but flexible.

He stated that it has functioned mainly in the area of planning, coordination, personnel recruitment; that a small subcommittee has been appointed and has been working with the regular committee in determining policy and ideas. Dr. Schneider stressed that the Committee was interested in getting every segment of the University which can make a contribution, interested in the program, and he strongly urged participation and exchange of ideas between the Faculty and the Committee.

MINUTES OF THE UNIVERSITY FACULTY MAY 8, 1961

1790

President Dickey thanked Dr. Schneider for his presentation. He also called the attention of the Faculty to the Honors Day Program set for 3:30 p.m., Thursday, May 11, in Memorial Hall. The motion was made and approved that all those students to be honored be excused from classes during the Program, the remainder of the student body to attend classes as usual.

He also called attention to the remaining Faculty meeting which would be for the purpose of approving candidates for degrees at the June Commencement and asked the Faculty to keep the Baccalaureate and Commencement dates in mind.

Meeting adjourned at 4:55 p.m.

Maple Moores
Maple Moores
Acting Secretary