

MINUTES OF THE UNIVERSITY SENATE  
February 14, 1938

The University Senate met in the Lecture Room of McVey Hall Monday, February 14, 1938. President McVey presided.

The minutes of January 10 and January 28 were read and approved.

The Committee on Duplication of Work presented the following recommendations from colleges, all of which were approved:

College of Arts and Sciences

1. Compulsory Comprehensive Examination in Music. Comprehensive examination to be required of all candidates for degrees, B. S. in Music and A. B., major music. Beginning with graduates of June, 1939.

2. New Courses:

Physics 151. Introduction to Atomic Physics. Prerequisites Math. & Astron. 20b; Physics 2b. Three credits. Contents: corpuscular nature of matter, electricity and radiant energy; molecular, atomic and nuclear structure emissions; theoretical viewpoints upon above problems with special emphasis on their compatibility; relativity; astrophysics.

This course is a unified presentation of the use of atomism in the development of modern physical ideas. The basic concepts of many modern physical theories will be discussed disembodied as far as feasible from the involved techniques of the theoretical specialist. This course is intended to provide a survey of recent physics for those interested in professions other than advanced physics and a useful introduction for those planning to pursue physics intensively.

It has been made necessary by the recent developments in the field of physics. It is a valuable part of our cyclic offering for advanced students and will not, therefore, increase the teaching load but, when given, will substitute for some other course.

Romance Languages 203a,b. Advanced Phonetics. Prerequisites R. L. 8a,b and four years of French. Three credits a semester. This course is especially planned for teachers of phonetics both in high school and in college.

3. Changes in Courses:

Romance Languages 17 - Elementary French. 5 credits. To be dropped.

Romance Languages 116a,b. French Literature of the 20th Century. Three credits a semester. To succeed R. L. 116, same title, 3 crs.

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College of Engineering

1. New Courses:

Architectural Engineering 7. Building Construction. Theory and practice of modern building construction. Materials and their use. Contractor's operation, inspection, and methods of procedure. Lectures and recitations two hours a week. Prerequisite: Senior Standing. 1 credit. 2nd sem.

Metallurgy 175a,b. Seminar. This course includes general round table discussions of various metallurgical principles and problems, the preparation and delivery of papers and reports on metallurgical subjects, extemporaneous speaking and the briefing of technical books and articles in the current literature. Four hours a week. Prerequisite: Senior classification. 2 credits each semester.

Mining 175a,b. Seminar. This course includes general round table discussions of various mining principles and problems, the preparation and delivery of papers and reports on mining subjects, extemporaneous speaking and the briefing of technical books and articles in the current literature. Four hours a week. Prerequisite: Senior classification. 2 credits each semester.

Petroleum Engineering 120. Seminar. This course includes general round table discussions of various petroleum production principles and problems, the preparation and delivery of papers on petroleum subjects, extemporaneous speaking and the briefing of technical books and articles in the current literature. Four hours a week. Prerequisite: Senior classification. 2 credits. 2nd semester.

2. Changes in Courses:

Drop Civil Engineering 171 (Stresses) 4.3 credits

Substitute:

Civil Engineering 171a. Theory of Structures. Laws of statics, wind, impact, live and dead load. Reactions, shear moments and influence lines. Methods of design including beams, girders, columns and various types of trusses. Three hours a week, lectures and recitations. Prerequisite of concurrent: Engineering Mechanics 13, 3.0 credits. Both semesters.

Civil Engineering 171b. Theory of Structures. Continuation of Civil Engineering 171a. Two hours a week, lectures and recitations. Prerequisite: Civil Engineering 171a. 2 credits. 1st semester.

Drop: Civil Engineering 103 and 104b. 2.7 credits

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Substitute:

Civil Engineering 105. Masonry Structures. Theory and design of retaining walls, dams, arches, plane and reinforced concrete structures and rigid frames. Three hours lectures and recitations, two hours drawing room. Prerequisite: Civil Engineering 171a. 3.7 credits 2nd semester.

Drop: Sanitary Engineering 154 and 155. 6 credits.

Substitute:

Sanitary Engineering 158. Sanitary Engineering Design. For students majoring in Sanitary Engineering. Complete design and layout of a water plant, distribution system, storm and sanitary sewer and sewage disposal plant. Drawing room 8 hours a week. Prerequisite or concurrent: Sanitary Engineering 151 and 152. 2.7 credits. 2nd semester.

Drop: Mining 20 - 4 credits.

Metallurgy 141 - 1 credit.

3. Changes in Credit:

Civil Engineering 173b. Steel Structures. Reduce credit from 3.3 to 1.3. Drawing room, 4 hours a week.

Civil Engineering 181b. Independent Problems. Reduce credit from 4.0 to 3.0.

Metallurgy 129. Ferrous Metallurgy. 2 credits to Metallurgy 29, Ferrous Metallurgy - 3 credits.

Metallurgy 121. Fuel Laboratory. Change from 3 hours and 1 credit to 4 hours and 2 credits.

Metallurgy 120. Assaying. Change from 8 hours and 2.7 credits to 4 hours and 2 credits.

Metallurgy 150. Industrial Mineral Preparation and Uses. Change from 2 hours and 2 credits to 3 hours and 3 credits.

Metallurgy 142. Heat Treatment. Change from 2 hours lecture, 2 hours laboratory and 2.7 credits to 2 hours lecture, 4 hours laboratory and 3.3 credits.

Minimum Requirements for Graduation

To receive the Bachelor of Science degree in any one of the five branches of Engineering a student must meet the following requirements:

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- (a) Complete a minimum of 146 credits with a standing of "1", exclusive of the basic work in Military Science and Physical Education, Summer Survey Camp or Summer in the Engineering Laboratories.
- (b) Complete the curriculum of the department in which he is taking his major work.
- (c) Attend one summer survey camp or one summer in the Engineering Laboratories or submit evidence satisfactory to the head of his department that he has had the equivalent in experience.

College of Education

1. That the following courses be permanently discontinued:

Education 141 - Supervision of Rural School Curriculum

Education 142 - Administration and Supervision of consolidated Rural Schools

Education 143 - County School Administration

2. That Education 71, Trade Analysis and Course Planning, 3 credits, be changed to Education 71a,b, Trade Analysis and Course Planning, 2 credits each.
3. That the following new courses be authorized:

Education 141 - Problems in Diagnostic and Remedial Reading. A laboratory course in problems of prevention, diagnostic and remedial work in reading. An opportunity will be provided to observe demonstrations of the use of instrumentation in diagnosis and correction of reading difficulties and the application of these clinical procedures to problem cases. Two hours lecture and discussion and one hour laboratory. 3 credits.

Education 142 - Directed Teaching in Art. This course has been planned for teachers who contemplate becoming supervisors of art in the public schools. 6 credits.

Education 143 - Modern Industrial Analysis. This course is designed to meet the needs of persons who wish to secure a working knowledge of modern industrial organization, trends in industrial education policies and the proper approach to and analysis of these problems as they affect the industrial vocational teacher. 2 credits.

Education 241 - Problems in Teaching the Social Studies. The purpose of this course is to acquaint the teacher with the most approved methods of teaching the social studies. Source materials dealing with the problems of teaching, such as research findings, year books, and periodicals will be investigated and current practices in the best high schools of the country will be stressed. 3 credits.

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Education 242 - Problems in Teaching English. The purpose of this course is to acquaint the teacher with the most approved methods of teaching English. Source material dealing with the problems of teaching, such as research findings, yearbooks, and periodicals will be investigated and current practices in the best high schools of the country will be stressed. 3 credits.

Education 243 - Problems in Teaching Mathematics. The purpose of this course is to acquaint the teacher with the most approved methods of teaching mathematics. Source material dealing with the problems of teaching, such as research findings, year books, and periodicals will be investigated and current practices in the best high schools of the country will be stressed. 3 credits.

College of Commerce

Commerce 150 - Central European Economic Policy, giving one credit and meeting 16 times during the month of March at 5 p.m. The course is to be open to upper-class and graduate students interested in social science. The instructor is Dr. Oskar Morgenstern from Vienna, who is in America at this time as Carnegie Visiting Professor under the auspices of the Carnegie Endowment for International Peace.

Increase the credits of Commerce 148, American Business Leaders from 1 to 2.

Give an option between Economic History of the United States and Economic Geography in the General-Business Curriculum, the Combined Commerce-Law Curriculum, and the Secretarial-Training Course.

Add as a requirement to the Combined Commerce-Law Curriculum "Elementary Philosophy or Logic".

Dean Funkhouser presented a recommendation from the Graduate Faculty relating to a new degree in Public Health. The recommendation as approved reads as follows:

"It is recommended that the Board of Trustees be requested to authorize the granting of the professional degree of M. S. in Public Health by the University of Kentucky, the requirements for this degree to be the same as for the other professional degrees, namely, 24 graduate credits, 36 weeks of residence, a satisfactory thesis and the passing of a final comprehensive examination."

Professor L. L. Dantzler presented to the Senate resolutions in memory of Professor Enoch Grehan. These resolutions were received by the Senate to be included in the minutes and a copy sent to Mrs. Grehan.

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Resolutions in Memory of Professor Enoch Grehan  
Read before the University Senate, February 14, 1938

Professor Enoch Grehan, a member of this University Senate, died Saturday morning, December 11, 1937. In point of service, he was one of the oldest members of the body; for only one year short of a quarter of a century, he was a member and attended regularly its sessions. In 1914, he joined the Faculty of the College of Arts and Sciences as Head of the newly organized Department of Journalism the work of which he directed until his death. When he came to the University, he brought with him a long experience in journalism and a knowledge of every phase of newspaper work. He organized the work of the Department of Journalism to make it a ranking department in the country. He realized the need of a modern, well-equipped printing plant and for years he worked to that end pledging his own personal note when funds were not available.

Professor Grehan kept abreast of the times in the work of his field. He had membership in various professional associations, was national committeeman on Curriculum in Journalism. Interested in many phases of University work, he was above all a teacher--affable with students, a wise and earnest counsellor. No one but himself knew how many students he aided financially. He endeared himself to his colleagues through his genuine concern regarding educational standards, his delightful personality, genial, discriminating wit.

He enjoyed the confidence of the University Administration. He was Secretary to the Board of Trustees 1916-1918; he was appointed a member of a special committee in 1920 to study the athletic situation and was subsequently appointed a member of the Athletic Council, which position he held until his death.

Professor Grehan loved the University and the fellowship of his colleagues. The members of the Senate record his passing as the loss of a personal friend and a loss to the University.

These resolutions shall be included in the minutes and a copy sent to Mrs. Grehan.

Signed: Edward Tuthill  
L. L. Dantzler, Chairman

Dean Evans presented a report from the Senate Committee on Mimeographed Texts. After considerable discussion the report was approved as a part of the rules of the University Senate. The report reads as follows:

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"At the last meeting of the Senate a motion was passed to refer to a new committee that part of the report then before the Senate which dealt with mimeographed material. The committee so appointed by the President met on January 14 and reports as follows:

The committee found that there were some 15 books of this general type being sold to students, all of the sales being made through the bookstore except in one or two instances, where the sale was made by the instructor direct to his students. Four of these were lithographed and one was printed. All the rest were mimeographed.

The committee found that the basic cost for a book of 100 sheets of which 100 copies are published is  $\$0.77\frac{1}{2}$  per book. After the first hundred copies, the cost is  $\$0.42\frac{1}{2}$  per copy. Thus, if 200 copies should be sold the average cost would be  $\$0.60$ . If 500 copies from the same stencil should be sold the cost would be  $\$0.50$ . A record is kept of the number of copies sold in each case. The committee received an estimate from the bookstore of the number of copies of each mimeographed book sold and thus computed the cost and the profit or loss, as the case may be. The largest number of any one booklet sold during a single semester was estimated at 500. This booklet contained 73 pages and the original issue of 100 copies, plus 4 others, would reduce the cost to about  $\$0.36$  per copy.

The committee therefore recommends:

- > (1) That the maximum price to students of mimeographed material be not more than one cent per page, of approximately four hundred words.
- (2) In the event that drawings or other type of drafting should necessitate a greater charge than a charge of one cent per page, the instructor concerned should then obtain the approval of the University Committee on Publications before a price greater than one cent per page should be placed upon the manuscript. The same rule may apply to the lithographed material already on hand where the material may have cost more than the price herein recommended.
- (3) The committee recommends further that the lithographing method be not employed except in those cases where it is as cheap or cheaper than mimeographing, or in those cases in which figures and tables can not be prepared by the mimeographing method.
- > (4) That all sales should be made through the bookstore and should not be made directly to the students by the instructor.
- > (5) It is recommended, but not made a mandatory part of the rule to be applied that all instructors should limit their profits to 10 per cent.

The committee feels that an instructor should not be put in a position where his financial interests conflict with his duty to his classes. It also feels that the material found in these mimeographed booklets is of a tentative

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character and therefore is not comparable to a book which has been finally printed for public use. It is different, also, because it has not yet been submitted to the criticism of scholars in the particular field in which it is written and therefore differs from a printed book sold to the public. Furthermore, it differs from a book in that the student does not have something left at the end of his course which is suitable as a permanent addition to his library and further because generally it has not resale value.

One member of the committee believes that all materials should be published at the expense of the department concerned and that the department should bear any loss which may accrue and also any profit which may arise from the above suggested price.

On the basis of the information available the committee was of the opinion that there are several cases where a very considerable profit has been realized by the instructor on his mimeographed material. There are some other cases where the instructor must depend upon future sales to recover his first cost."

Respectfully submitted,

(See table on opposite page)

C. C. Ross  
Edgar Z. Palmer  
Alvin E. Evans

On suggestion from President McVey, the reports on educational meetings, which were to have been given by Professors Koppius, Roberts and Scherago, were made a special order of business for the next meeting of the Senate.

President McVey asked the Senate to consider the recommendations of the Council on the report of the Committee on the State of the University. These recommendations had been received at the meeting of January 10, but no action had been taken. In connection with the first topic, which the Council suggested might be given further study, Professor Trimble presented a resolution. After considerable discussion, the resolution was adopted with one amendment. The resolution, as amended, reads as follows:

BE IT RESOLVED by the University Senate that a committee be chosen to be styled the curriculum committee. Said committee shall consist of ten members appointed for one year and chosen as follows: the Senate shall elect the chairman. He shall in turn appoint the other members, choosing one from the faculty of each of the following colleges: Commerce, Education, Law, Engineering, and Agriculture, and one from each of the following fields of work in the Arts and Science College; that is, the social sciences, foreign languages, the biological sciences including psychology, the physical sciences, and literature, philosophy and the arts, except from the college or field from which the chairman is chosen. The members chosen by the chairman shall be subject to approval by the President.

Table on Mimeographed Material Sold for Student Use

Professor	Copies Sold	Sale Price	No. Pages	Cost per Copy	Commission to Bookstore	Profit (less Commission)	
Chambers, Dr.	70	1.00	105	.80	7.00	7.00	
Caldwell	25	1.60	129	1.00	4.00	11.00	
Holmes	150	1.60	97	.77	24.00	118.00	
McFarland	300	1.50	79	.43	45.00	282.80	
Manning	60	2.00	169	1.31	12.00	27.40	
Palmer	40	1.10	131	1.01	4.40	.80	
Palmer	40	1.16	230	1.77	4.64	20.44	
Robinson	( 70	.60	35	.28	4.20	18.20	
	( printed)						
Schick	( 100	1.60	73	.57	16.00	87.00	
Webb	50	1.80	79	.61	9.00	50.50	lithographed
Webb	50	1.80	70	.54	9.00	54.00	lithographed
Whitaker	100	1.50	70	.54	15.00	81.00	
White	500	1.30	74	.36	65.00	414.00	lithographed
White	500	1.30	74	.36	65.00	414.00	lithographed
Yates	500	1.50	101	.50	75.00	425.00	
Yates	500	1.50	101	.50	75.00	425.00	

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The function of the committee shall be to examine existing courses and to make recommendations to the Senate as to the need and desirability for these courses; also to recommend to the Senate the action to be taken by that body to eliminate duplication of courses between departments and between colleges, and to examine all proposed new courses or changes in courses, and to recommend to the Senate the action to be taken to prevent future duplication of courses and unwise expansion of the curriculum. The basis of each recommendation made by the committee shall be explained to the Senate.

*Leon M. Lambertson*  
Secretary

## MINUTES OF THE UNIVERSITY SENATE

March 14, 1938

The University Senate met in the Lecture Room of McVey Hall, Monday, March 14, 1938. President McVey Presided.

The minutes of February 14 were read and approved.

The following recommendations from the Colleges, reported by the Committee on Duplication of Work, were approved:

## College of Arts and Sciences

1. That the Department of Art be authorized to require a comprehensive examination for graduation of all art majors who are candidates for the A. B. degree, this new requirement to begin with the graduates of June, 1939.

2. Courses to be dropped:

Chemistry 3 - Inorganic Preparations  
Chemistry 10 - Quantitative Analysis for Mining Engineers  
Chemistry 11 - Agricultural Analysis  
Hygiene 4 - General Hygiene  
Hygiene 4a-b - General Hygiene  
Hygiene 8 - Hygiene in the Grades  
Hygiene 104 - Principles of Physical Education  
Hygiene 108 - Diseases of Occupation  
Hygiene 109a-b - Public Health Seminar  
Hygiene 112 - Public Health Law and Administration  
Hygiene 115 - Epidemiology  
Hygiene 116 - Sociological and Economic Aspects of Disease