

MINUTES OF THE UNIVERSITY SENATE
March 11, 1935

The University Senate met in the Lecture Room of McVey Hall, Monday, March 11, with President McVey presiding.

The minutes of February 11 were read and approved.

The Committee on Duplication of Work presented the following new courses and changes in courses, which were approved:

COLLEGE OF ARTS AND SCIENCES

1. Art 142a,b. Directed Travel and Study in Europe.

A printed syllabus will be used in connection with the work; the syllabus will organize the material in two parts: first, according to time, giving the sequence of historical periods and styles and listing the representative examples. (This will correspond to the "a" part of the course.) Second, according to place, in the order of the art centers en route, listing the actual monuments and works of art which may be seen in place. (This will correspond to the "b" part of the course.)

The time required for the tour will be a little more than six weeks - forty-five days from the date of sailing to the date of return. During that time those registered for credit will give nearly all their time to the work of the course. Class sessions begin on shipboard; there will be two sessions per day - eighteen altogether - using the syllabus outline and photographs of specific monuments and assigned reading in preparation for the work to follow on the continent. That also will be intensive work each day. The student will give more time to this course than a full summer-school session here requires.

Art 142a. Directed Travel and Study in Europe. A survey of European art; periods, styles; outstanding examples in European centers. Lectures, assigned reading, notebooks - day by day preparation for the first-hand study of original works of art on the tour.

3 credits; summer

Art 142b. Directed Travel and Study in Europe. A first-hand study of actual buildings, monuments, paintings and related arts in European art centers. Tour, lectures, notebooks, term report. To be scheduled concurrent with Art 142a.

3 credits; summer

2. German 160a,b. Literary Landmarks of Germany.

German 160a Literary Landmarks of Germany. This course will run approximately six weeks and will be devoted mainly to directed travel and study in Germany and Austria. It is the purpose of this course to review the noteworthy contributions of German men of letters and to acquaint the student with the actual circumstances calling forth the creation of these literary works. Tour, assigned readings, quizzes, lectures and reports,

3 credits

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German 160b. Literary Landmarks of Germany. (continuation of 160a).
To be scheduled concurrently with 160a. Three credits.

3. Art 145 a,b. History of Architecture.

Art 145a History of Architecture. Architectural styles and periods including the several factors influencing their development. Lectures and reports. One hour per week. One credit; first semester.

Art 145b. History of Architecture. Continuation of 145a. One hour per week. One credit; second semester.

4. Art 146a,b. History of Architecture.

Art 146a History of Architecture Analytical study of architectural styles including comparative studies of outstanding examples for each period and style. Recitations and weekly problems. (Note: This class must be scheduled concurrent with lecture course Art 145a.) Two hours per week. Two credits; 1st semester.

Art 146b History of Architecture. Continuation of 146a. Concurrent with lecture course Art 145b. Two hours per week. Two credits; second semester.

5. Bacteriology 120a,b. Hospital Laboratory Practice.

Bacteriology 120a Hospital Laboratory Practice. Students will be required to carry out, under supervision, the laboratory work in one of the hospitals in Lexington. Twelve hours laboratory. Four credits. Prerequisites: Bact. 110a and b, Consent of Head of Dept.

Bacteriology 120b Hospital Laboratory Practice. Continuation of 120a. Eighteen hours laboratory. Six credits. Prerequisites: Bact. 110a and b. Consent of Head of Dept.

6. Chemistry 105. Qualitative Organic Analysis. A systematic study of the separation and identification of organic compounds. Laboratory ten hours a week. Five credits; both semesters. Prerequisite: Chemistry 127b.

7. Chemistry 140. Industrial Stoichiometry. Chemical Calculations of Manufacturing Processes, e.g. fuels and combustion, gas producers, lime and cement, furnace and Kiln design, crystallization etc. Recitations and problems. Three hours a week. Three credits; second semester. Prerequisite: Chemistry 119a.

8. German 110a,b. German Conversation and Composition

This course is designed for students who have a good command of German grammar and fair conversational ability and who wish to achieve fluency and ease in the speaking and writing of German. The course will be conducted wholly in German, and conversation will be upon topics chosen from the field of literature, daily life, and current events. The composition work will consist in the reproduction in German of English articles and in the preparation of original themes. This course will be required of students majoring in the department. Two hours recitation each. Two credits each. Prerequisites: German 2b or its equivalent and permission of the department.

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9. Political Science 168. The Governments and Politics of Eastern Asia. An introductory study of the political institutions of China, Japan, the Philippines, the Dutch East Indies and India. Constitutional principles, governmental organization, the party system, current political issues and contemporary problems of international relations. Three credits. Prerequisite: Political Science 51 and one of the following: History 119b, 190a or 190b.
10. Political Science 174. Public Welfare Administration. An intensive study of the problems involved in welfare administrations in both the state and local government units. The course is designed especially to meet the needs of social workers. Three credits. Consent of Instructor.
11. Political Science 206. Special Problems in Public Administration. A research course in selected problems of public administration. The problems will be selected in accordance with the needs and desires of students registering for the course. Three credits. Prerequisite: Political Sci. 51.
12. Romance Languages 16a,b. Civilization of France, Spain, Spanish-America and Italy. One hour per week, two semesters. One credit per semester. Lectures and correlated readings. Open to all students. Required of Romance Language majors.
13. Romance Languages 116. French Literature of the XXth Century. One semester. Three credits.
14. Zoology 25. General Animal Biology. Three credits. Summer term. A course primarily for those intending to teach biology in secondary schools. Lectures and recitations cover environmental relationships, (physical and biotic), animal numbers, distribution, behavior. Will be given on the basis of 2 recitations and 1 laboratory period per week. During the summer there will be a 60 minute recitation period daily 5 days per week for the 5-week term. Laboratory will be given in five, 65 minute periods per week.

This course will be substituted for Zool. 10, Outlines of Zoology, which has not been given for several years, and in the summer time it will be given in the place of Zool. 1a or 1b.

Changes in Courses

1. Bacteriology 56. Bacteriology of Foods (for sophomores) A course in the bacteriology of foods for students who do not have the prerequisites for Bacteriology 106. Two hours lecture, four hours laboratory. Four credits. Prerequisites: Bacteriology 2b or 52
2. Bacteriology 57. Bacteriology of Water and Sewage (for sophomores) A course in the bacteriology of water and sewage for students who do not have the prerequisites for Bacteriology 107. Two hours lecture, four hours laboratory. Four credits. Prerequisite: Bact. 2b or 52.

The same topics will be considered as in Bact. 106 and Bact. 107, respectively, but in a more elementary manner.

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3. Political Science 155a, Comparative Government: Parliamentary Democracies, and 155b, Comparative Government: Contemporary Dictatorships. Changes of title from "Comparative Government".
4. Political Science 158. Regulation of Public Utilities
Title changed from "Public Utilities".
5. Political Science 159 a,b. American Constitutional Development. Title changed from "Development and Expansion of the American Constitution".
6. Political Science 160. American Diplomacy: Organization and Practice.
Title changed from "American Foreign Service".
7. Political Science 171a. Early Political Theory. Title changed from "Political Theory from Plato to Bentham."
8. Political Science 171b. Modern Political Theory. Title changed from "Political Theory from Bentham to the Present".
9. Political Science 204. International Organization and the League of Nations. Title changed from "International Organizations".
10. Political Science 170. Political Parties and Public Opinion. Three credits. A combination of Pol. Sci. 70, Political Parties, and Pol. Sci. 173, Public Opinion. Analysis of Public Opinion and pressure groups; a survey of the history, organization, methods and functions of political parties in the United States; with first hand studies of the individual's participation in government.
11. Romance Languages 110a,b. French Literature of the XVIIth Century.
Three credits each. Changed from Rom. Lang. 110a.
12. Romance Languages 115a,b. French Literature of the XVIIIth Century
Three credits each. Changed from Romance Languages 110b.

Respectfully submitted,

Paul P. Boyd
Dean

The College of Arts and The College of Commerce following revised curriculum
leading to the degree of B. S. in Commercial Geography, which was approved

1. Commerce 147. American Business Leaders. Biographical sketches of a selected list of men including their business achievements and their relationships to the economic and social life of their time. One credit; first semester. (Jennings)
2. Commerce 148. European Business Leaders. Biographical sketches of a selected list of men including their business achievements and their relationships to the economic and social life of their time. One credit; second semester. (Jennings)

The College of Arts and Sciences presented the following revised curriculum leading to the degree of B.S. in Industrial Chemistry, which was approved.

1. A Revised Curriculum Leading to the Degree B.S. in Industrial Chemistry.

Freshman Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Matriculation Lec.	Required of all		1	.3
English 1a	English Composition	3		3.
Mathematics 17	College Algebra	3		3.
Mathematics 18	Plane trigonometry	2		2.
German 1a	Elementary German	3		3.
Drawing 2a	Mechanical Drawing		4	1.3
Chemistry 1a	General Inorganic Chem.	3	4	5.
Military Science 1a	First Year Basic course Infantry	1	2	1.3
Physical Education 1a	Gymnasium or Field Athletics		2	.7
				19.6

Second Semester

English 1b	English Composition	3		3.
Mathematics 19	Analytical Geometry	3		3.
German 1b	Elementary German	3		3.
Chemistry 1b	General Inorganic	3	4	5.
Drawing 2b	Mechanical Drawing		4	1.3
Military Science 1b	First Year Basic course, Infantry	1	2	1.3
Physical Education 1b	Gymnasium or Field Athletics		2	.7
Hygiene	Personal and Community Health	2		1.
				18.3

Sophomore Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Physics 2a	General College Physics	3	4	5.
Mathematics 20a	Differential Calculus	4		4.
German 2a	Intermediate German	3		3.
Chemistry 4	Qualitative Analysis	1	6	4.
Military Science 6a	Second Year Basic Course Infantry	1	2	1.5
Physical Education 2a	Gymnasium or Field Ath.		2	.7
				18.2

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Sophomore Year
Second Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Physics 2b	General College Physics	3	4	5.
German 2b	Intermediate German	3		3.
Chemistry 8	Quantitative Analysis	1	8	5.
Mathematics 20b	Integral Calculus	4		4.
Military Science 6b	Second Year Basic Course, Infantry	1	2	1.5
Physical Education 2b	Gymnasium or Field Ath.		2	.7
				19.2

Junior Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Chemistry 127a	Organic Chemistry, Aliphatic Series	3	4	5.
Chemistry 109	Quantitative Analysis	1	8	5.
Chemistry 131a	Physical Chemistry	2	4	4.
Commerce 1	Principles of Economics	3		3.
French 1a	Elementary French	3		3.
Geology 109a	Mineralogy		4	2.
				22.

Second Semester

Chemistry 127b	Organic Chemistry, Cyclic Series	3	4	5.
Chemistry 17	Gas Analysis		2	1.
Commerce 15	Economic Problems	3		3.
Chemistry 131b	Physical Chemistry, con't.	2	4	4.
French 1b	Elementary French	3		3.
Physics	Elective			3.
				19.

Senior Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Elec. Engr. 105 or Physics	D.C. Currents and Machinery Advanced Physics	3	3	4. 3.
Chemistry 119a	Industrial Chemistry	2		2.
Chemistry 122a	Journal Club	1		1.
English	Elective	2 or 3		2. or 3.
Chemistry 118	Water Analysis		4	2.
Chemistry 105	Qualitative Organic Anal.		10	5.
Chemistry 110	Intermed. Physical Chem.	3		3.
				18.- 19.- 20.

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Senior Year
Second Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Elec. Engr. 106 or Physics	Alternating Currents	3	3	4.
	Advanced Physics			3.
Chemistry 150	Advanced Inorganic Chem.	2	4	4.
Chemistry 119b	Industrial Chemistry	2		2.
English	Elective	3 Or 2		3. or 2.
Chemistry 122b	Journal Club	1		1.
Chemistry	Elective		10	5.
Chemistry 140	Industrial Stoichiometry	3		3.
				20.-21.-22.

Minimum credits for a degree 154.3

Students excused from Military Science or Physical Education must gain equivalent credits in other subjects.

The College of Arts and Sciences also presented a proposed curriculum leading to the degree of B.S. in Medical Technology, which was adopted as follows:

2. A Curriculum Leading to the degree B.S. in Medical Technology.Freshman Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Matriculation Lec.	Required of all Freshmen	1		.3
English 1a	English Composition	3		3.
Chemistry 1a	General Inorganic Chem.	3	4	5.
Bacteriology 2a	Elementary Microbiology	2	4	4.
Zoology 1a	General Zoology	2	4	4.
Military Science 1a	First Year Basic Course	1	2	1.3
Physical Ed. 1a	Gymnasium Practice		2	.7
				18.3

Second Semester

Hygiene 1	General and Personal Hyg.	2		1.
English 1b	English Composition	3		3.
Chemistry 1b	General Inorganic Chem.	3	4	5.
Bacteriology 2b	Elementary Microbiology	2	4	4.
Zoology 1b	General Zoology	2	4	4.
Military Science 1b	First Year Basic Course	1	2	1.3
Physical Ed. 1b	Gymnasium Practice		2	.7
				19.0

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* Sophomore Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Chemistry 4	Qualitative Analysis	1	6	4.
Physics 1a	General Physics	4	2	5.
Bacteriology 56	Bacteriology of Foods	2	4	4.
Anat. and Phys. 1a	General Physiology	3		3.
Military Sc. 2a	Second Year Basic Course	1	2	1.5
Physical Ed. 2b	Advanced Gym. Practice		2	.7
				18.2

Second Semester

Zoology 7b	Comparative Anatomy	2	4	4.
Physics 1a	General Physics	4	2	5.
Bacteriology 57	Bact. of Water and Sewage	2	4	4.
Anat. and Phys. 1b	General Physiology	3		3.
Military Sc. 2b	Second Year Basic Course	1	2	1.5
Physical Ed. 2b	Advanced Gym. Practice		2	.7
				18.2

* Women Students must substitute one year of foreign language for the two years of Military Science. This should be taken in the Sophomore year.

Junior Year
First Semester

Chemistry 8	Quantitative Analysis	1	8	5.
Zoology 101a	Histology	1	4	3.
Bacteriology 103	Pathogenic Bacteriology	2	4	4.
Foreign Language	Elective	3		3.
Bacteriology 110a	Laboratory Diagnosis		6	3.
				18.

Second Semester

Zoology 101b	Histology	1	4	3.
Bacteriology	Immunology and Serology	2	6	5.
Zoology 106	Embryology	2	4	4.
Foreign Language	Elective	3		3.
Bacteriology 110b	Laboratory Diagnosis		6	3.
				18.

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Senior Year
First Semester

Course	Subject	Hrs. Rec.	Hrs. Lab.	Credits
Chemistry 127b	Organic Chemistry	3	4	5.
Bacteriology 111	General Pathology	2	4	4.
Bacteriology 150a	Seminar	2		1.
Bacteriology 120a	Hospital Laboratory Practice		12	4.
Math., Phil., Psych., or Social Science	Elective			3.

Second Semester

Chemistry 127b	Organic Chemistry	3	4	5.
Bacteriology 150b	Seminar	2		1.
Physics 12-	X-Ray Technique		4	2.
Bacteriology 120b	Hospital Laboratory Practice		18	6.
Math., Phil., Psych., or Social Science	Elective			3.

17.

Students will be given an opportunity in the summer to obtain additional practical experience in one of the hospitals in and around Lexington.

Total credits-- 143.7

Mr. Peak, Chairman of the Book Store Committee, read a report of the operation of the books store for the past year.

Doctor Chamberlain and Dean Taylor made reports on the meeting of the National Education Association at Atlantic City, and their reports were filed.

Erna F. Geller
Secretary