work. President Donovan referred the recommendation to the Rules Commitee, with the request that it study the question of cheating and prepare a recommendation for the University Faculty.

President Donovan called attention to the pamphlet, "You Can Not Have a Great State without a Great University," in which the University's budget request to the General Assembly is presented. He asked that each Dean call a meeting of his faculty for discussion of this pamphlet, and he urged that members of the Faculty make use of this information to arouse interest in the needs of the University.

President Donovan also called attention to a suit that has been filed to test the decision of the Court of Appeals on the State salary limitation.

The meeting was adjourned.

Maurice F. Seay
Secretary

Minutes of the University Faculty
November 10, 1947

The University Faculty met in the Assembly Room of Lafferty Hall Monday, November 10, at 4:00 p.m. In the absence of President Donovan, Dr. Chamberlain, Vice President, presided. Members absent were Thomas P. Cooper, Wm. C. Eaton, E. B. Penrod, F. D. Peterson, Claude Sprowles, D. V. Terrell, and M. M. White.

The minutes of October 13 were read and approved.

Dr. Chamberlain introduced to the Faculty two new members, representing the College of Pharmacy. They were Dean Earl P. Slone, ex-officio member, and Professor Mattys Jongeward, elected member.

In the absence of Dean White, Dr. Brady presented for the College of Arts and Sciences a partial revision of courses and requirements in preparation for the change to the semester system. The revisions, which were approved by the Faculty, are as follows:

Department of History

Course to be re-numbered:

History 185, Cultural History of Seventeenth Century Europe (4), to History 185a, same title (4).

Course to be added:

History 185b, Cultural History of Eighteenth Century Europe (4). A survey of European culture during the 1700's, treating the sciences, literature, history, philosophy, the fine arts, and the industrial arts.

Department of Mathematics and Astronomy

Course to be re-numbered:

M. & A. 209, Theory of Function of a Complex Variable (4), to M. & A. 209a, same title (4).

Course to be added:

M. & A. 209b, Theory of Functions of a Complex Variable (4). Continuation of 209a. Introduction to the algebra and calculus of complex numbers and their geometric representation. Conformal transformation. Theory presented mainly from the Cauchy-Riemann viewpoint, with reference to the Weierstrass development. Introduction to Riemann surfaces.

Department of Social Work

Courses to be re-numbered:

Social Work 140, Principles of Social Work (4), to Social Work 140a, same title (4).

Social Work 144, Field Participation Group Work Program (4), to Social Work 144a, same title (2).

Courses to be added:

Social Work 140b, Administration and Supervision of Group Work Agencies Program (4). The group work process as applied to agency administration, supervision of staff and volunteers, statistical and process recording, evaluation of program, personnel and committe relationships in the group work field.

Social Work 144c, Field Participation Group Work Program (2 each). Continuation of 144a. Supervised experience in the practice of group work in connection with a program in a local group work agency. For senior majors specializing in group work.

Courses to be dropped:

Social Work 115, Social Statistics (2).

Social Work 220b, Supervised Field Work (3).

Social Work 220c, Supervised Field Work (4).

Proposed Conversion of Credits to the Semester Basis

DEPARTMENT OF CHEMISTRY

		Quarter Hours	Semester Hours
*1a,b	General Chemistry (5 each)	10	10
*2a	General Chemistryfor Engineers	5	4
*2b	General Chemistry for Engineers	5	4
*3(a)	Chemistry for Nurses	4	5
*3b	Chemistry for Nurses	4	dropped
*4a,b	General Chemistry (4each)	8	dropped
*20	Qualitative Analysis	6	dropped
21a	Quantitative Analysis	4	5
21b	Quantitative Analysis	4	4
21c	Quantitative Anaylsis	5	dropped
30a,b	Organic Chemistry (5 each)	10	10
30c	Organic Chemistry	5	dropped
37	Organic Chemistry	6	4
110a	Advanced Inorganic Chemistry	3	2
110b	Advanced Inorganic Chemistry	3	2

		Quarter Hours	Semester Hours
111	Laboratory Work in Inorganic Chemistry (wish to change to "Advanced Inorganic Laboratory")	2	1
114	NonAqueous Solutions	3	2
115a	Nuclear Chemistry	3	2
115b	Nuclear Chemistry	3	2
120	Advanced Qualitative Analysis	5	3
121	Semimicro Quantitative Analysis	4	3
122	Instrumental Analysis	4	3
125	Advanced Quantitative Analysis	5	3
126	Industrial Analysis	3	2
127	Microscopic Analysis	3	2
129(a)	Selected Problems in Quantitative Analysis	3	3
129b	Selected Problems in Quantitative Analysis	2	dropped
130a,b	Organic Chemistry (5 each)	10	10
130c	Organic Chemistry	5	dropped
133	Qualitative Organic Analysis	5	3
136(a)	Synthetic Organic Chemistry	2	3
136b	Synthetic Organic Chemistry	3	dropped
140a,b	Physical Chemistry (3 each)	6	6
140c	Physical Chemistry	3	dropped
141	Intermediate Physical Chemistry (wish to change to"Chemical Thermodynamics")	4	3
143(a)	Physical Chemistry	4	5
143b	Physical Chemistry	4	dropped
144a,b	Physical Chemistry Laboratory (2each)	4	4
144c	Physical Chemistry Laboratory	2	dropped
145	Colloid Chemistry	3	2
150a,b	Physiological Chemistry (4 each)	8	8
150c	Physiological Chemistry	4	dropped
160	Industrial Chemistry	3	3
161	Industrial Chemical Calculations	4	2
181	Chemical Literature	1	1
188a	Undergraduate Seminar (wish to change to "Seminar")	0	0
188b	Undergraduate Seminar (wish to change to "Seminar")	1	1
188c	Undergraduate Seminar	1	dropped
210	Selected Topics in Inorganic Chemistry	3	2
220	The Chemical Polarizing Microscope	3	2
221	Quantitative Microanalysis	3	2
222	Electrometric Analysis	3	2
230a	Synthesis of Organic Compounds	3	2
230b	Synthesis of Organic Compounds	3	2
232	Stereoisomerism of Carbon Compounds	3	3
234a	The Electronic Theory as Applied to Organic Reactions	3	2
234b	The Electronic Theory as Applied to Organic Reactions	3	2
238(a)	Survey of Organic Chemistry	3	4
238b	Survey of Organic Chemistry	3	dropped
240a	Theoretical Electrochemistry	3	dropped
240b	Applied Electrochemistry	3	dropped
244	Phase Rule	3	2
245	Catalysis	3	2
246	Chemical Kinetics	3	3
248(a)	Chemical Principles	3	4
248b	Chemical Principles	3	dropped
249a	Topics in Physical Chemistry	3	2

		Quarter Hours	Semester Hours
249b	Topics in Physical Chemistry	3	2
282a,b	The Chemistry of the Anthocyanins, Flavones, and related Pigments (3 each)	6	dropped
288a-f	Graduate Seminar (1 each)	6	6
290a-h	Research in Chemistry (5 each)	40	40

Courses to be added:

*4a,b General Chemistry for Students in Agriculture and Home Economics (4 each) — 8

Subject matter similar to 1a,b, except that emphasis is placed on topics of importance to students in the College of Agriculture and Home Economics. Lecture 2 hours; recitation, 1 hour; laboratory, 2 hours. Prerequisite: Proficiency in arithmetic and elementary algebra.

239a,b Topics in Organic Chemistry (2 each) — 4

Selected topics which may include heterocyclic organic compounds, natural and synthetic dyes, carbohydrates, nitrogen compounds, and other recent advanced in the field of organic chemistry. Lecture, 2 hours. Prerequisite: Chemistry 130b. (Offered 1949-50 and alternate years thereafter.)

240 Eclectrochemistry

Modern theories of solutions. Applications of electrochemical methods in determining the properties of solutions. Polarization. Electrolysis. Equilibrium in solutions of electrolytes. Lecture, 3 hours. Prerequisite: Chemistry 140b. (Offered 1948-49 and alternate years thereafter.)

288g,h Graduate Seminar (1 each) — 2

Reports and discussion on recent research and current literature. Required of all graduate students. Given yearly.

290i-l Research in Chemistry (5 each) — 20

Work may be taken in the following fields, subject to the approval of the Departmental Graduate Committee: Analytical Chemistry; Industrial Chemistry, Inorganic Chemistry; Organic Chemistry; Physical Chemistry; and Plant Chemistry

Totals	311	248

(Titles changed for 111, 141, and 188a,b as indicated above.)

Proposed Conversion of Credits to the Semester Basis for the Division of Literature, Philosophy, and Arts

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DEPARTMENT OF ANCIENT LANGUAGES

		Quarter Hours	Semester Hours
*1a	Beginning Latin	3	3
*1b	Elementary Reading	3	3
*2	Caesar and Selections	3	dropped
3	Cicero and Selections	3	3
4(a)	Vergil	3	3
*4b	Vergil	3	dropped
5	Prose Selections	3	3
6(a)	Horace	3	3
*6b	Horace	3	dropped
7	Tacitus	3	dropped
8a	Pliny's Letters	3	dropped
8b	Pliny's Letters	3	dropped
109a	Latin Literature	3	3
109b	Latin Literature	3	3
109c	Latin Literature	3	dropped
110a	Latin Literature	3	dropped
110b	Latin Literature	3	dropped
110c	Latin Literature	3	dropped
114a	Intermediate Latin Composition	1	dropped
114b	Intermediate Latin Composition	1	dropped
115a	Advanced Latin Composition	1	dropped
115b	Advanced Latin Composition	2	dropped
121	Roman Civilization	3	2
150(a)	The Teaching of Latin	3	3
150b	The Teaching of Latin	3	dropped
201a	Latin Pastoral Poetry	3	3
201b	Latin Elegiac Poetry	3	3
*51a	Beginning Greek	3	3
*51b	Selections from the New Testament	3	3
52**	Selections from Greek Authors	3	3
53**	Homer	3	3
54**	Plato	3	3
120	Greek Civilization	3	2
149	Easy Selected Reading from Greek Authors	3	dropped
155	Herodotus - Selections	3	dropped
122a	Classical Literature in English Translation	3	3
122b	Classical Literature in English Translation	3	3
151a-e	Independent Work in Ancient Languages (3each)	15	15
	(Change in Title and Course Number:)		
16a,b	Tutorial Work in Ancient Languages (1each) changed to	2	
90a,b	Tutorial Seminar (1 each)	2	
	TOTALS	121	75

(**changing from 152, 153, 154)

DEPARTMENT OF ENDLISH LANGUAGE AND LITERATURE

		Quarter Hours	Semester Hours
A	An Introduction to the Humanties through the Study of English Literature	3	2
*D	English Composition	0	0
*1a	English Composition	3	3
*1b	English Composition	3	3
*1c	English Composition	3	dropped
2a	Advanced Composition	3	2
2b	The Short Story	3	2
	Old English	5	dropped
5b	Old English	5	dropped
*6	Essentials of Speech	3	3
7(a)	Elements of Public Speaking**	3	3
7b	Elements of Public Speaking	3	dropped
10a	Public Speaking	3	dropped
10b	Public Speaking	3	dropped
11a	Argumentation and Debate	3	dropped
11b	Argumentation and Debate	3	dropped
15a	Oratory	3	dropped
15b	Oratory	3	dropped
20	Speech Training	5	dropped
30	Business English	3	2
32	Voice Development	5	3
33	Expressive Reading	5	dropped
*34	History of the Stage	3	2
*35	Stagecraft	3	2
*36	Staging Techniques	3	2
*37	Stage Productions in School and Community	3	2
38	Oral Interpretation	5	3
100a	Senior Review of English Literature	5	dropped
100b	Senior Review of English Literature	5	dropped
102	History of the English Language	5	3
103	Old English	5	3
105	Chaucer	5	3
106a	English Romantic Poetry	5	3
106b	English Romantic Prose	5	3
107a	Victorian Poets	5	3
107b	Victorian Prose	5	3
108a	Principles of Literary Criticism	5	3
108b	Principles of Literary Criticism	5	3
109	Pre-Shakespearean Drama	5	3
110a	Shakespeare Comedy	5	3
110b	Shakespeare Tragedy	5	3
111a	The Novel before Scott	5	3
111b	The Novel after Scott	5	3
116	The Contemporary Drama	5	3
123a	American Literature before 1860	5	3
123b	American Literature after 1860	5	3
124	The Renaissance	5	3
125	Pronunciation of Modern English	5	3
127a	Literature of the Bible	5	3

		Quarter Hours	Semester Hours
127b	Literature of the Bible	5	3
130a	Comparative Literature	5	3
130b	Comparative Literature	5	3
131a-d	Independent Work (3 each)	12	12
133	The Development of American Realism	5	3
143	Edgar Allen Poe	5	3
145	Elizabethean Drama, Exclusive of Shakespeare	5	3
147	Age of Johnson	5	3
152	The Age of Pope	5	3
153	Restoration-Eighteenth Century Drama	5	3
155a	Contemporary American Poetry	5	3
155b	Contemporary British Poetry	5	3
157	Teaching of Speech and Oral English	5	3
160	Theory and Technique of Acting	4	3
161	Theory and Technique of Directing	4	3
162	Theory and Technique of Theater Production	4	3
164	Speech Composition	5	3
170a	Backgrounds of Modern Literature	5	dropped
170b	Backgrounds of Modern Literature	5	dropped
172	Writing the One-Act Play	5	3
174	Writing the Full-Length Play	5	3
201a	Literary Criticism	5	3
201b	Literary Criticism	5	3
202a	Studies in Contemporary Drama	5	3
202b	Studies in Contemporary Drama	5	3
206a	Seminar	5	3
206b	Seminar	5	3
210	Seminar	5	3
212a-d	Seminar (from 5 each to 3 each)	20	12
213a-d	Seminar (from 5 each to 3 each)	20	12
214a-d	Seminar (from 5 each to 3 each)	20	12
215a-d	Seminar (from 5 each to 3 each)	20	12
216a-d	Seminar (from 5 each to 3 each)	20	12
217a-d	Seminar (from 5 each to 3 each)	20	12
	Totals-------	473	257

(**Wish to change title to "Advanced Public Speaking")

DEPARTMENT OF GERMAN LANGUAGE AND LITERATURE

		Quarter Hours	Semester Hours
*A	Introduction to the Humanities through the Study of German Literature	3	2
*1a	Elementary German	5	3
*1b	Elementary German	5	3
*1c	Intensive and Extensive German Readings	5	dropped
10a	Elementary Conversation and Composition	3	3
10b	Elementary Conversation and Composition	3	3
10c	Elementary Conversation and Composition	3	dropped
20a	Readings in Medical German	4	3
20b	Readings in Medical German	4	3
21a	Readings in Chemical German	4	3

21b	Readings in Chemical German	4	3
51	Introduction to German Literature of the Classical Period	4	dropped
52	Introduction to German Literature of the Ninete nth Century (wish to change to "Introduction to Classical and Nineteenth Century German Literature")	4	3
53	Introduction to Modern German Literature	4	3
101c	Nineteenth Century Literature	3	dropped
102c	Twentieth Century Literature	3	dropped
103c	Life and Works of Goethe	3	dropped
105a-f	Independent Work in German (4 each to 3 ea)	24	18
106a,b	Advanced Scientific Readings (3 each)	6	6
106c	Advanced Scientific Readings	3	dropped
111	Proseminar in Goethe	3	dropped
112	Proseminar in Kleist	3	2
113	Proseminar in Hauptmann	3	2
114	Proseminar in Schiller	3	2
115	Proseminar in Grillparzer	3	2
116	Proseminar in Thomas Mann	3	2
117	Proseminar in Lessing	3	2
118	Proseminar in Hebbel	3	2
119	Proseminar in Sudermann	3	2
120a,b	Junior Tutorial Work in German (1 each)	2	2
120c	Junior Tutorial Work in German	1	dropped
130a,b	Senior Tutorial (from 2 each to 3 each)	4	6
130c	Senior Tutorial Work in German	2	dropped
150	Origin and Development of the German Language	4	3
151	Introduction to Middle High German	4	3
152	Advanced German Conversation and Composition	4	3
203a-c	German Literature from Luther to Lessing (3 each)	9	dropped
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	Change in number:		
103a,b	Life and Works of Goethe - to 143a,b (3 ea.)	6	6
102a,b	Twentieth Century Literature - to 205a,b ("")	6	6
	Change in number and title:		
101a	Nineteenth Century Literature - to 204a, German Drama of the Nineteenth Century	3	3
101b	Nineteenth Century Literatue - to 204b, The German Novelle	3	3
	Proposed new courses:		
2a,b	Translation and Rapid Reading		6
206	The Age of Goethe		3
	TOTALS:	172	116

DEPARTMENT OF JOURNALISM

		Quarter Hours	Semester Hours
*2	Introduction to Journalism	3	2
10(a)	Survey of Journalism	4	3
10b	Survey of Journalism	4	dropped
21	Etymology	4	3
22	Principles of News Writing	4	3
100a	News Reporting	3	3

		Quarter Hours	Semester Hours
100b	News Reporting	3	3
101(a)	Copyreading (wish to change to "Copy-reading and Editing")	3	3
101b	Editing	3	dropped
102	Community Journalism	4	3
103	Newspaper Administration	4	3
105	Law of the Press	3	2
106	Influence of the Newspaper	4	3
107	Editorial Writing	3	2
108	History of Journalism	4	3
109(a)	Typography	2	2
109b	Typography	2	dropped
110	Supervision of High School Publications	4	3
111	Verbal Criticism	4	3
112	Critical Writing for the Press	4	3
114	Newspaper Advertising and Promotion	4	3
115	Advertising Typography and Layout	4	3
118	Publicity	4	3
120	Seminar in Public Opinion	4	3
123(a)	Feature Writing	3	dropped
123b	Feature Writing	3	dropped
125	Magazine Article Writing	4	3
127	Reporting Public Affairs	3	3
150	Radio News Scripts	3	2
	TOTALS:	101	70

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DEPARTMENT OF LIBRARY SCIENCE

*25	Use of the Library	2	2
101a-d	Independent Work (1 each)	4	4
110	The Library in the School	3	3
112	The Public Library	3	3
114	The College and University Library	3	3
121	Introduction to Library Work	3	3
127	Reading for Young People	3	2
128	Children's Literature	3	2
129a,b	Cataloging and Classification	8	6
132	Library Work with Children	3	2
133a	Reference and Bibliography	4	3
133b	Reference and Bibliography	3	2
139	Field Work	3	2
145	Organization of Library Materials	2	2
152a	Book Selection	4	3
152b	Book Selection	3	2
154	Seminar in Problems of Librarianship	3	3
	TOTALS:	57	47

DEPARTMENT OF MUSIC

*A	An Introduction the the Humanties through the Study of Music	3	2
4a	Public School Music	3	2
4b	Public School Music	3	2

		Quarter Hours	Semester Hours
7	Strings	3	2
8	Brasses and Percussion	3	2
9	Woodwinds	3	2
12a	Counterpoint	3	2
12b	Counterpoint	3	2
13a	Form and Analysis	3	2
13b	Form and Analysis	3	2
15a-h	Applied Music - Piano (2 each)	16	16
15 i-l	Applied Music - Piano (2 each)	8	dropped
16a-h	Applied Music - Strings (2 each)	16	16
16i-l	Applied Music - Strings (2 each)	8	dropped
17a-h	Applied Music - Voice (2 each)	16	16
17i-l	Applied Music - Voice (2 each)	8	dropped
18a-h	Applied Music - Organ (2 each)	16	16
18i-l	Applied Music - Organ (2 each)	8	dropped
19a	History of Music	4	3
19b	History of Music	4	3
20a	Survey of Music Literature	3	2
20b	Survey of Music Literature	3	2
22a	Band	2	2
22b	Band	2	2
22c	Band	2	dropped
23a	Band	2	2
23b	Band	2	2
23c	Band	2	dropped
26	High School Methods	3	2
28a	Concert Band	2	2
28b	Concert Band	2	2
28c	Concert Band	2	dropped
29a	Concert Band	2	2
29b	Concert Band	2	2
29c	Concert Band	2	dropped
31a-h	Applied Music -Woodwinds (2 each)	16	16
31i-l	Applied Music - Woodwinds (2 each)	8	dropped
32a-h	Applied Music - Brasses & Percussion(2 ea)	16	16
32i-l	Applied Music - Brasses & Percussion(2 ea)	8	dropped
33a	Elementary Harmony, Sightsinging & Dictation	4	4
33b	Elementary Harmony, Sightsinging & Dictation	4	4
33c	Elementary Harmony, Sightsinging & Dictation	4	dropped
34a	Advanced Harmony, Sightsinging & Dictation	4	4
34b	Advanced Harmony, Sightsinging & Dictation	4	4
34c	Advanced Harmony, Sightsinging & Dictation	4	dropped
39a-h	Glee Club (1 each)	8	8
39i-l	Glee Club (1 each)	4	dropped
40a-h	Orchestra (1 each)	8	8
40i-l	Orchestra (1 each)	4	dropped
42	Seminar	1	1
43a,b	Survey of Musical Theory (3 each)	6	dropped
110	Research Problems in Pedagogy of Theory	3	2
111a	Research Problems in Music	3	2
111b*	Research Problems in Music (wish to change course number to 112)	3	2
114a	Orchestration	3	2
114b	Instrumental Conducting and Score Reading	3	2
115	Choral Methods and Conducting	3	2

		Quarter Hours	Semester Hours
200a,b	Creative Work in Homophonic Forms of Composition (from 3 each to 2 each) (wish to change to "Problems in Creative Work in Homophonic Forms of Composition")	6	4
201a,b	Creative Work in Contrapuntal Forms of Composition (from 3 each to 2 each)(wish to change to "Problems in Creative Work in Contrapuntal Forms of Composition")	6	4
203	Choral Literature and Technique	3	2
204	Advanced Band Technique	3	2
208a-c	Seminar in Music (1 each)	3	3
208d	Seminar in Music	1	dropped
210	Baroque Music	3	2
211	The Classic and Romantic Periods	3	2
212	Music in America	3	2
213	Interpretation of Instrumental Literature	3	2
214	Advanced Instrumental Conducting	3	2
215a,b	Piano (2 each)	4	4
215c	Piano	2	dropped
216a,b	Strings (2 each)	4	4
216c	Strings	2	dropped
217a,b	Voice (2 each)	4	4
217c	Voice	2	dropped
218a,b	Organ (2 each)	4	4
218c	Organ	2	dropped
	Totals--	349	230

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DEPARTMENT OF PHILOSOPHY

*A	Introduction to the Humanities through the Study of Philosophy	3	2
21	Introduction to Philosophy	4	3
31	Logic	4	3
35a-d	Tutorial Work in Philosophy (1 each)	4	4
51	Ethics	4	3
101a	History of Philosophy, Ancient & Medieval	4	3
101b	History of Philosophy, Modern	4	3
102	Contemporary Philosophy	4	3
106	Representative Modern Philosophers	4	3
109a-d	Independent Work (from 4 each to 3 each)	16	12
115	Intermediate Logic	4	3
118	The Philosophy of Plato	4	3
119	The Philosophy of Aristotle	4	3
120	Great Religions of the World	4	3
125	Philosophy of Religion	4	3
130	Metaphysics	4	3
135	Epistemology	4	4
201a,b	Seminar in Philosophy (2 each)	4	3
210a	Types of Logical Theory	4	3
210b	Types of Logical Theory	4	3
220 a	Research in Philosophy	4	3
220b	Research in Philosophy		
	TOTALS	99	76

DEPARTMENT OF RADIO ARTS

		Quarter Hours	Semester Hours
*1a, b	Radio Today (3 each)	6	6
*1c	Radio Today	3	dropped
2a	Radio Announcing	3	2
2b	Radio Drama	3	2
101	Radio Regulations	3	2
102	Advanced Radio Announcing	3	2
105	Radio Script Writing	3	2
106a	Radio Production	3	2
106b	Radio Production	3	2
110	Pro-Seminar in Radio	1	1
	TOTALS:	31	21

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DEPARTMENT OF ROMANCE LANGUAGES

*A	Introduction to the Humanities through the Study of Romance Literature	3	2
*1a	Elementary French	5	3
1b	Elementary French	5	3
2a	Intermediate French	4	3
2b	Intermediate French	4	3
3a	French Conversation and Composition	3	2
3b	French Conversation and Composition	3	2
6a	French Novel and Drama	4	3
6b	French Novel and Drama	4	3
6c	French Novel and Drama	4	3
8a	French Phonetics	4	3
8b	French Phonetics	4	3
103a	Advanced Phonetics	4	3
103 b	Advanced Phonetics	4	3
109 a	French Literature of the XIX Century	3	3
109b	French Literature of the XIX Century	3	3
109c	French Literature of the XIX Century	3	dropped
110a	French Literature of the XVII Century	3	3
110b	French Literature of the XVII Century	3	3
110c	French Literature of the XVII Century	3	dropped
113a	Advanced French Grammar	4	3
113b	Advanced French Grammar	4	3
115a	French Literature of the XVIII Century	3	3
115b	French Literature of the XVIII Century	3	3
115c	French Literature of the XVIII Century	3	dropped
116a	French Literature of the XX Century	3	3
116 b	French Literature of the XX Century	3	3
116c	French Literature of the XX Century	3	dropped
122a	Advanced French Conversation	3	2
122b	Advanced French Conversation	3	2

		Quarter Hours	Semester Hours
201a	French Literature of the Renaissance	4	3
201b	French Literature of the Renaissance	4	3
202a	Old French	4	3
202b	Old French	4	3
204a	Romance Philology	4	3
204b	Romance Philology	4	3
205a	Seminar in French Literature	4	3
205b	Seminar in French Literature	4	3
205c	Seminar in French Literature	4	dropped
205d	Seminar in French Literature	4	dropped
205e	Seminar in French Literature	4	dropped
205f	Seminar in French Literature	4	dropped
205g	Seminar in French Literature	4	dropped
205h	Seminar in French Literature	4	dropped
5a	Elementary Spanish	5	3
5b	Elementary Spanish	5	3
7a	Intermediate Spanish	4	3
7b	Intermediate Spanish	4	3
9a	Spanish Novel and Drama	4	3
9b	Spanish Novel and Drama	4	3
9c	Spanish Novel and Drama	4	3
10a	Spanish Conversation and Composition	4	3
10b	Spanish Conversation and Composition	4	3
10c	Spanish Conversation and Composition	4	3
102a	Advanced Spanish Grammar and Composition	4	3
102b	Advanced Spanish Grammar and Composition	4	3
104a	Spanish Literature of the XVII Century	3	3
104b	Spanish Literature of the XVII Century	3	3
104c	Spanish Literature of the XVII Century	3	dropped
106a	Spanish Literature of the XX Century	3	3
106b	Spanish Literature of the XX Century	3	3
106c	Spanish Literature of the XX Century	3	dropped
108a	Spanish American Literature	3	3
108b	Spanish American Literature	3	3
108c	Spanish American Literature	3	dropped
112a	Spanish Literature of the XIX Century	3	3
112b	Spanish Literature of the XIX Century	3	3
112c	Spanish Literature of the XIX Century	3	dropped
203a	Old Spanish	4	3
203b	Old Spanish	4	3
206a	Seminar in Spanish Literature	4	3
206b	Seminar in Spanish Literature	4	3
206c	Seminar in Spanish Literature	4	dropped
206d	Seminar in Spanish Literature	4	dropped
4a	Elementary Italian	5	3
4b	Elementary Italian	5	3
15a	Intermediate Italian	4	3
15b	Intermediate Italian	4	3
80a	Seminar in Romance Languages	1	1
80b	Seminar in Romance Languages	1	1
80c	Seminar in Romance Languages	1	dropped
114a-h	Independent Work in Romance Languages (3 each)	24	24
	TOTALS:	316	207

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Totals by Departments

Ancient Languages	121	75
English	473	257
German	172	116
Journalism	101	70
Library Science	57	47
Music	349	230
Philosophy	99	76
Radio Arts	31	21
Romance Languages	316	207
TOTALS:	1,719	1,199

Dr. Townsend, acting for Dean Cooper, presented recommendations from the College of Agriculture and Home Economics, including revisions of courses and curricula to conform to the semester system. In view of some questions raised by the College of Arts and Sciences in connection with this material, the Faculty voted to refer the recommendations to a special committee, to be appointed by President Donovan. The committee is to report at the December meeting.

Professor Crouse, in the absence of Dean Terrell, presented recommendations from the College of Engineering, including changes necessary in changing to the semester system. He asked permission of the Faculty to make any adjustment that might be necessary to meet changes to be made by the College of Arts and Sciences. The Faculty granted the request and approved the recommended revisions, which are as follows:

In changing from the quarter to the semester system the Department of Civil Engineering recommends the adoption of the changes listed below:

I. Courses to be dropped:

(1) Drop Sanitary Engineering as an Option in the Department of Civil Engineering.
(2) Sanitary Engineering 153
(3) Sanitary Engineering 156
(4) Civil Engineering 19

II. Courses to be added:

(1) Architectural Engineering 8, Theory of Architectural Design. 2 Sem. Crs.
Theory of architectural design with special emphasis on factors effecting the development of plan. Lecture and recitation, two hours. Prerequisite: Junior Classification.

(2) Civil Engineering 159, Design and Operation of Waterworks and Sewers. 2 Sem. Crs.
Investigation and partial design of water supply, purification plants, distribution problems, pipe networks, sewers and disposal plants. Practice covering the more common Laboratory tests used in water treatment and sewage disposal plants. Laboratory and drawing room, six hours. Prerequisiste: Civ. Eng. 151 and Civ. Eng. 152.

III. Changes in numbers:

Change all Sanitary Engineering courses to Civil Engineering courses as follows:

Sanitary Engineering	24	to	Civil Engineering	24
Sanitary Engineering	151	to	Civil Engineering	151
" "	152	to	" "	152
" "	157	to	" "	157
" "	158	to	" "	158
" "	182	to	" "	182
" "	252	to	" "	252
Civil Engineering	202a-f	to	" "	202a-d
" "	232a-f	to	" "	232a-d
" "	242a-f	to	" "	242a-d
" "	252a-f	to	" "	252a-d
" "	262a-f	to	" "	262a-d
" "	272a-f	to	" "	272a-d
" "	282a-i	to	" "	282a-f

IV. List of courses and their credits:

	ARCHITECTURAL ENGINEERING	Semester Credits
1	Architectural Rendering	2
3	Sanitation, Acoustics, Fire Prevention	3
4a	Architectural Design	3
4b	Architectural Design	3
5	Building Equipment	2
6	Independent Problems	4
7	Building Construction	1
8	Theory of Architectural Design	2
	CIVIL ENGINEERING	
12	Plane Surveying	3
15	General Surveying	3
16a	Route Surveying	3
16b	Route Surveying	3
17	Hydrographic Surveying	1
18	Mapping and Topographic Drawing	2
23	Seminar	1
24	Sanitary Engineering for Sanitary Inspectors	4
31	Highway Location, Construction and Maintenance	2
32	Streets and Pavements	2
37	Highway Materials	2
49	Railway Construction and Maintenance	2
81	Testing Materials	1
107	Soil Mechanics	3
110a	Reinforced Concrete	4
110b	Reinforced Concrete	3
114	Advanced Surveying	3
120	Hydraulics	2
123	Hydraulics Laboratory	1
151	Water Supply and Waterworks	2
152	Sewers and Sewage Disposal	2
157	Sanitary Engineering for Health Officers	2
158	Sanitary Engineering Design	3
159	Design and Operation of Waterworks & Sewers	2

	Semester Credits
171a Theory of Structures	3
171b Theory of Structures	3
173a Steel Structures	3
173b Steel Structures	2
174 Graphic Solutions	2
182 Sanitation	2

GRADUATE COURSES

202a-d Construction	3 each
232a-d Highway Engineering	3 each
242a-d Railroad Engineering	3 each
252a-d Sanitary Engineering	3 each
262a-d Geodetic Surveying	3 each
272a-d Structural Engineering	3 each
282a-f Special Problems in Civil Engineering	3 each

In changing from the quarter to the semester system the Department of Electrical Engineering recommends the adoption of the changes listed below:

I. Courses to be dropped:
(1) Electrical Engineering 164
(2) Electrical Engineering 205
(3) Electrical Engineering 207
(4) Electrical Engineering 208
(5) Electrical Engineering 209

II. Courses to be added:

(1) Electrical Engineering 118, Electric Power Plant Equipment. 3 Sem. Crs.
A study of the electrical elements of a modern power plant and their operation and characteristics. Lecture and recitation, three hours. Prerequisite: Elec. Eng. 116.

(2) Electrical Engineering 211, Electrical Circuit Analysis--Transients. 3 Sem Crs.
Mathematical study of transient electric phenomena. Lecture and recitation, three hours. Prerequisites: Elec. Eng. 120, Elec. Eng. 116, and Elec. Eng. 135.

(3) Electrical Engineering 212, Servomechanisms. 3 Sem. Crs.
An analytical study of the characteristics of various types of servomechanisms. Lecture and recitation, three hours. Prerequisites: Elec. Eng. 107, Elec. Eng. 108, and Elec. Eng. 211.

(4) Electrical Engineering 221, Advanced Electronics. 3 Sem. Crs.
High vacuum tubes: electron flow, thermionic emission, transit time effects. Gas tubes: performance of mercury vapor rectifies, thyratrons, ignitrons, and ionized gas light sources. Lecture and recitation, three hours. Prerequisites: Elec. Eng. 161 and Elec. Eng. 120.

(5) Electrical Engineering 223, Communication Engineering--Advanced Transmission Line Theory. 3 Sem Crs.

Open wire and coaxial lines, reflections, standing waves; circle diagram; stub matching; impedance transformation; wave guides. Continuation of Elec. Eng. 135. Lecture and recitation, three hours. Prerequisites: Elec. Eng. 135 and Math 120.

III. Changes in numbers and titles:

Elec. Eng. 105, Direct Current Circuits and Machinery
to Elec. Eng. 105a, Electrical Engineering Circuits and Machinery
Elec. Eng. 106, Alternating Current Circuits and Machinery
to Elec. Eng. 105b, Electrical Engineering Circuits and Machinery
Elec. Eng. 110a,b Electrical Laboratory
to Elec. Eng. 110, Electrical Laboratory
Elec. Eng. 111a,b,c, Advanced Electrical Laboratory
to Elec. Eng. 111, Advanced Electrical Laboratory
Elec. Eng. 124a,b, Electrical Design
to Elec. Eng. 124, Electrical Design

IV. Changes in titles:

Elec. Eng. 108, Electronic Controls
to Elec. Eng. 108, Industrial Electronics

Elec. Eng. 161, Radio Engineering
to Elec. Eng. 161, Electronics

Elec. Eng. 162, Radio Engineering--Receivers
to Elec. Eng. 162, Radio Engineering I

Elec. Eng. 163, Radio Engineering--Transmitters
to Elec. Eng. 163, Radio Engineering II

Elec. Eng. 227, Radio Engineering,--Radiation and Propagation
to Elec. Eng. 227, Electromagnetic Fields

V. List of courses and their credits:

ELECTRICAL ENGINEERING		Semester Credits
11	Electrical Laboratory	1
21	Principles of Electrical Engineering	4
101	Fundamentals of Electrical Machinery	3
102	Electrical Machinery	2
105a	Electrical Engineering Circuits and Machinery	4
105b	Electrical Engineering Circuits and Machinery	4
107	Electrical Control	3
108	Industrial Electronics	3
110	Electrical Laboratory	1
111	Advanced Electrical Laboratory	1
114	Alternating Current Circuits	4
115	Direct Current Machinery	3
116	Alternating Current Machinery	4
117	Advanced Alternating Current Machinery	3

		Semester Credits
118	Electrical Power Plant Equipment	3
120	Electrical Circuit Analysis	3
123	Electrical Equipment Problems	2
124	Electrical Design	2
135	Electrical Networks	4
136	Illumination Engineering	3
137	Electric Power Transmission and Distribution	3
139	Telephony	3
151a-b	Seminar	1 each
152a-c	Independent Problems	1 each
152dd-f	Independent Problems	2 each
161	Electronics	4
162	Radio Engineering I	4
163	Radio Engineering II	4
165	Radio Engineering--Fundamentals of Electric Waves	2

GRADUATE COURSES		Semester Credits
211	Electrical Circuit Analysis--Transients	3
212	Servomechanisms	3
206	Electric Power Transmission	3
210	Symmetrical Components	3
221	Advanced Electronics	3
223	Communication Engineering--Advanced Transmission Line Theory	3
226	Radio Engineering--Ultra High Frequency	3
227	Electromagnetic Fields	3
230a-f	Special Problems in Electrical Engineering	3 ea.

In changing from the quarter to the semester system the Department of Engineering--General recommends the adoption of changes listed below:

I. Courses to be added:

Applied Mechanics 7, Dynamics. 3 Sem. Crs.
(For Mechanical Enginers) Motion of a particle, dynamics of moving bodies, impulse and momentum, work and energy, balancing, gyroscopy, advanced dynamics of rigid bodies. Lecture and recitation, three hours. Prerequisite: Applied Mech.3. Prerequisite or concurrent: Math 20b.

II. Change in course write-up:

Engineering Drawing 2, Mechanical Drawing. 1 Sem. Cr.
(For students in Industrial Chemistry) Freehand lettering, exercises in the use of instruments, orthographic and axonometric projection, graphs and tracing. One two-hour period and one one-hour period a week.

III. List of courses and their credits:

APPLIED MECHANICS		Semester Credits
2	Mechanisms	3
3	Statics	3
4	Dynamics	2

		Semester Credits
APPLIED MECHANICS		
6	Mechanisms	2
7	Dynamics	3
100	Strength of Materials	4
106	Advanced Strength of Materials	3
107	Mechanical Vibrations	4
ENGINEERING ADMINISTRATION		
102	Engineering Administration	3
ENGINEERING DRAWING		
1a	Elementary Engineering Drawing	2
1b	Descriptive Geometry	2
2	Mechanical Drawing	1
12	Graphical Computations	2
18	Advanced Engineering Drawing	2
115	Photography	3
FLIGHT TRAINING		
1 a,b	Flight Training	2 each
STUDENT ASSEMBLIES		
1.	Introduction to Engineering	0
2.	Engineering Problems	1
3a-b	Class Society (Sophomore)	0
4a-b	Class Society (Junior)	0
5a-b	Class Society (Senior)	0

In changing from the quarter to the semester system the Department of Mechanical Engineering recommends the adoption of the changes listed below:

I. Courses to be dropped:
(1) Mechanical Engineering 101
(2) Mechanical Engineering 103
(3) Mechanical Engineering 121
(4) Mechanical Engineering 130b
(5) Mechanical Engineering 132

II. Courses to be added:

(1) Mechanical Engineering 135, Experimental Aerodynamics. 3 Sem. Crs. Study of basic wind tunnel design, wind tunnel support systems, velocity distribution in tunnel working sections, drag of various objects, and pressure distribution over airfoils at various angles of attack. A complete wind tunnel analysis of a scale made to obtain lift, drag, pitching moment, and side force data. Lecture, one hour; laboratory, four hours. Prerequisite: Mech. Eng. 130.

III. Changes in numbers:

(1) Mechanical Engineering 15a-c to Mechanical Engineering 15a-b
(2) Mechanical Engineering 104a-c to Mechanical Engineering 104a-b
(3) Mechanical Engineering 112a-b to Mechanical Engineering 112
(4) Mechanical Engineering 122a-c to Mechanical Engineering 122a-b
(5) Mechanical Engineering 130a to Mechanical Engineering 130

(6) Mechanical Engineering 131a-c to Mechanical Engineering 131a-b
(7) Mechanical Engineering 201a-f to Mechanical Engineering 201a-d
(8) Mechanical Engineering 202a-f to Mechanical Engineering 202a-d
(9) Mechanical Engineering 203a-f to Mechanical Engineering 203a-d
(10) Mechanical Engineering 204a-f to Mechanical Engineering 204a-d
(11) Mechanical Engineering 210a-c to Mechanical Engineering 210a-b
(12) Mechanical Engineering 211a-c to Mechanical Engineering 211a-b
(13) Mechanical Engineering 212a-c to Mechanical Engineering 212a-b
(14) Mechanical Engineering 213a-c to Mechanical Engineering 213a-b

IV. Changes in description, titles and number of hours of courses:

(1) Mechanical Engineering 100a, Machine Design
Lecture and recitation, three hours. Prerequisite: Eng. Draw. 18 and Mech. Eng. 15b. Prerequisite or concurrent: Applied Mech. 100.

(2) Mechanical Engineering 100b, Machine Design.
Drawing room, nine hours. Prerequisite: Mechanical Engineering 100a.

(3) Mechanical Engineering 105. Change title from Steam Power Plant Equipment to Power Plant Engineering.
Description changed as follows: Study of the characteristics and use of steam and diesel power plant equipment, etc.

(4) Mechanical Engineering 112, Mechanical Laboratory. Same write-up as former Mech. Eng. 112a and b. Lecture and recitation, one hour; laboratory, three hours. Prerequisite: Mech. Eng. 104a or Mech. Eng. 134.

(5) Mechanical Engineering 114b. Change title from Air Conditioning, Heating and Ventilating to Air Conditioning, Heating and Ventilating Design.

V. List of courses and their credits:

MECHANICAL ENGINEERING		Semester Credits
15a-b	Manufacturing Processes	2 each
100a-b	Machine Design	3 each
104a-b	Engineering Thermodynamics	3 each
105	Power Plant Engineering	3
107	Fluid Mechanics	3
108	Internal Combustion Engines	4
109	Refrigeration	3
110	Heating and Ventilating Design	1
112	Mechanical Laboratory	2
113a-b	Mechanical Laboratory	2 each
114a	Air Conditioning, Heating and Ventilating	3
114b	Air Conditioning, Heating and Ventilating Design	3
116	Elementary Heating, Ventilating and Air Conditioning	3
122a-b	Seminar	1 each
129	Elements of Heat Transfer	3
130	Applied Aerodynamics	3
131a-b	Airplane Design	3 each
133	Tool Design	3
134	Elements of Engineering Thermodynamics	3
135	Experimental Aerodynamics	3

Graduate Courses

201a-d	Automotive Engineering	3 ea.
202a-d	Power Plant Engineering	3 ea.
203a-d	Heating, Ventilating, and Air conditioning	3 ea.
204a-d	Advanced Machine Design	3 ea.
210a-d	Special Problems in Mechanical Engineering	3 ea.
211a-b	Advanced Engineering Thermodynamics	4 ea.
212a-b	Advanced Fluid Mechanics	4 ea.
213 a-b	Advanced Heat Transfer	4 ea.

In changing from the quarter to the semester system the Department of Mining and Metallurgical Engineering recommends the adoption of the changes listed below:

I. Courses to be dropped:

(1) Metallurgical Engineering 120
(2) Metallurgical Engineering 141
(3) Metallurgical Engineering 211
(4) Metallurgical Engineering 212
(5) Mining Engineering 128
(6) Mining Engineering 160

II. Change in titles and number of courses:

(1) Metallurgical Engineering 27. Title changes from General Metallurgy to General Elementary Metallurgy.

(2) Metallurgical Engineering 144. Title changed from Non-Ferrous Metallography to Ferrous and Non-Ferrous Metallography.

(3) Metallurgical Engineering 166a and b to Metallurgical Engineering 166.

(4) Metallurgical Engineering 215. Title changed from Advanced Alloy Steels to Alloy Steels.

(5) Metallurgical Engineering 216a,b,c, to Metallurgical Engineering 216.

(6) Mining Engineering 126a,b, Development of Mines to Mining Engineering 126, Elements of Mining.

(7) Mining Engineering 127a,b, Mining Underground to Mining Techniques.

(8) Mining Engineering 129a, b, to Mining Engineering 129.

(9) Met. Engineering 150 to Met. Engineering 250. Changed from an undergraduate course to a graduate course.

(10) Mining Engineering 209a,b, to Mining Engineering 209.

III. List of courses and their credits:

METALLURGICAL ENGINEERING		Semester Credits
26	Engineering Metallurgy	2
27	General Elementary Metallurgy	3
29	Metallurgy of the Ferrous Metals	3
37	Adaptive Metallurgy for Engineer	4
60	Metallurgical Laboratory and Shop Practice	6
121	Fuel and Metallurgical Laboratory	2
128	Metallurgy of NonFerrous Metals	3
132	Metallurgical Calculations	5
140	The Science of Metals	3
142	Heat Treatment	3
143a	Physics of Metals	3
143b	Physics of Metals	3
144	Ferrous and Non-Ferrous Metallography	3
164	Elements of Low Temperature Carbonization	3
166	Extractive Metallurgy	5
167	Extractive Metallurgy Plant Practice	2
175a,b	Seminar	1 ea.

Graduate Courses

205	Heat Treatment of Metals and Alloys	6
207	Technology of Alloys	6
208	Advanced Metallography	6
209	Advanced Ore Dressing	6
210	Technology of Low Temperature Carbonization	6
213	X-Ray Metallography	4
214	The Metallic State	2
215	Alloy Steels	3
216	The Physical Chemistry of Steel Making	6
217	The Microscopy of Slags and Refractories	3
218	Diffusion and Heat Flow in Metals	2
230 a-d	Research in X-Ray Metallography	6 ea.
240 a-f	Special Problems in Metallurgical Engineering	3 ea.
250	Industrial Mineral Preparations and Uses	3

MINING ENGINEERING

126	Elements of Mining	5
127a,b	Mining Techniques	5,4
129	Mine Ventilation and Drainage	5
130	Mine Administration	3
175a,b	Seminar	1 ea.

Graduate Courses

203	Mine Organization	3
206	Explosive Engineering	2
207	Advanced Prospecting	2
208	Coal Dust Investigation	4
209	Advanced Mine Engineering	7
220a-f	Special Problems in Mining Engineering	3 ea.

PROPOSED OUTLINE OF THE FIRST TWO SEMESTERS OF ALL ENGINEERING CURRICULA

In order that all students in the College of Engineering may have an opportunity to take some fundamental training before deciding definitely what courses they desire to pursue, the first two semesters of all engineering curricula are essentially the same.

FRESHMAN YEAR

First Semester	Credits	Second Semester	Credits
Assem. 1 -- Introduction to Engineering	0	Assem.2 -- Engineering Problems	1
English 1a -- English Composition	3	English 1b-- English Composition	3
Math. 17 -- College Algebra	3	Math.19 -- Plane and Solid Analytical Geometry	3
Math. 3 -- Plane Trigonometry	3	Chem. 2b-- General Inorganic	4
Chem.2a -- General Inorganic	4	Eng. Draw.1b-- Descriptive Geometry	2
Eng. Draw. 1a -- Elementary Engineering Drawing	2	*Non-Technical Elective	3
Military Science 1a	2	Military Science 1b	2
Physical Education	0	Physical Education	0
	17		18

NOTE: Students expecting to take Mining or Metallurgical Engineering should take Chemistry 1a and 1b instead of Chemistry 2a and 2b.
In lieu of non-technical elective in Second Semester of Freshman year, students in Metallurgical Engineering will take Met.Eng.27, General Elementary Metallurgy, and students in Mining Engineering will take Civ. Eng.12, Plan Surveying.

CURRICULA LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN CIVIL ENGINEERING

For First Two Semesters, see above.

SOPHOMORE YEAR

First Semester	Credits	Second Semester	Credits
Assem.3a -- Class Society	0	Assem.3b -- Class Society	0
Math.20a--Differential Calculus	4	Math. 20b -- Integral Calculus	4
Physics 3a --General College Physics	6	Physics 3b -- General College Physics	6
Civ.Eng.12 -- Plane Surveying	3	Applied Mech. 3- Statics	3
Civ. Eng. 18-- Mapping and Topographic Drawing	2	Civ. Eng.16a -- Route Surveying	3
*Political Science 51 -- American Government	3	*English 30 -- Business English	2
Military Science 6a	2	Military Science 6b	2
	20		20

* With the approval of the Head of the Department, other subjects may be substituted for these.

OPTION ONE

General Civil Engineering

JUNIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 4a--Class Society	0	Assem. 4b-- Class Society	0
Applied Mech. 100--Strength Of Materials	4	Applied Mech. 4--Dynamics	2
Civ. Eng. 81-- Testing Materials	1	Civ. Eng. 171b-- Theory of Structures	3
Civ. Eng. 171a--Theory of Structure	3	Civ. Eng. 31 --Highway Location, Const. & Maintenance	2
Civ. Eng. 174--Graphic Solutions	2	Mech. Eng. 134--Elements of Engineering Thermodynamics	3
Geology 12a -- Elementary Geology	3	Geology 12b -- Elementary Geology	3
Civ. Eng. 49 -- Railroad Const. and Maintenance	2	Civ. Eng. 173a-- Steel Structures	3
Elec. Eng. 101 -- Fundamentals of Electrical Machinery	3	*Commerce 7a --Principles of Accounting	4
*Commerce 1 -- Principles of Economics	3		20
	21		

SUMMER TERMS
Surveying Camp (6 weeks)

Civ. Eng. 15 -- General Surveying	3
Civ. Eng. 16b -- Route Surveying	3
Civ. Eng. 17 -- Hydrographic Surveying	1

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 5a-- Class Society	0	Assem. 5b-- Class Society	0
Civ. Eng. 110a--Reinforced Concrete	4	Civ. Eng. 110b--Reinforced Concrete	3
Civ. Eng. 114--Advanced Surveying	3	Civ. Eng. 23--Seminar	1
Civ. Eng. 32--Streets and Pavements	2	Civ. Eng. 173b--Steel Structures	2
Civ. Eng. 37--Highway Materials	2	Civ. Eng. 151--Water Supply and Waterworks	2
Arch. Eng. 7--Building Construction	1	Civ. Eng. 152--Sewers and Sewage Disposal	2
Civ. Eng. 120--Hydraulics	2	Civ. Eng. 159--Design and Operation of Waterworks and Sewers	2
Civ. Eng. 123--Hydraulics Laboratory	1	Civ. Eng. 107--Soil Mechanics	3
*Non-technical Elective	3	*Wng. Adm. 102--Enginerring Adm.	3
	18		18

*With the approval of the Head of the Department, other subjects may be substituted for these.

CURRICULA LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING.

For first two semesters, see page 549.

SOPHOMORE YEAR
(Common to Communication & Power Options)

First Semester	Credits	Second Semester	Credits
Assem. 3a -- Class Society	0	Assem. 3b--Class Society	0
Physics 3a -- General College Physics	6	Physics 3b--General College Physics	6
Matha. 20a -- Differential Calculus	4	Math.20b-- Integral Calculus	4
Civ. Eng. 12 -- Plane Surveying	3	Elec.Eng. 21--Principles of Electrical Engineering	4
Elec. Eng. 11 -- Electrical Laboratory	1	Applied Mech. 6--Mechanisms	2
Mec. Eng. 15a--Manufacturing Processes	2	Applied Mech. 3--Statics	3
Met. Eng. 26 --Engineering Metallurgy	2	Military Science 6b	2
Military Science 6a	2		21
	20		

JUNIOR YEAR

(Common to Communication and Power Options)

First Semester	Credits	Second Semester	Credits
Assem. 4a--Class Society	0	Assem.4b-- Class Society	0
Elec. Eng. 114-- A.C.Circuits	4	Elec. Eng. 116-- A.C.Machinery	4
Elec. Eng. 115 -- D.C. Machinery	3	Elec.Eng. 110 -- Electrical Laboratory	1
Mech. Eng. 134--Elements of Engineering Thermodynamics	3	Elec. Eng.120 --Electrical Circuit Analysis	3
Applied Mech.100-- Strength Of Materials	4	Elec. Eng. 161--Electronics	4
Civ. Eng. 81 -- Testing Materials	2	*Mech.Eng. 108 -- Internal Combustion Engines	3
Math. C105a-- Differential Equations	2	*R. L. 5b -- Elementary Spanish	3
*R.L. 5a --Elementary Spanish	3		18
	21		

*With the approval of the Head of the Department, other subjects may be substituted for these.

OPTION ONE

Communications and Electronics Engineering

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 5a -- Class Society	0	Assem. 5b --Class Society	0
Elec. Eng. 151a -- Seminar	1	Elec. Eng. 151b--Seminar	1
Elec. Eng. 107--Electrical Control	3	Elec. Eng. 108-- Industrial Electronics	3
Elec. Eng.135--Electrical Networks	4	*Civ. Eng. 120 --Hydraulics	2
Elec. Eng.162-- Radio Engineering I	4	*Civ. Eng. 123 -- Hydraulics Laboratory	1
*English 30 -- Business English	2	*Eng. Adm. 102 -- Engineering Administration	3
*Geography 10 -- Economic Geography Survey	3	Non-Technical Elective	3
Applied Mech.4 -- Dynamics	2	Elec. Eng. 163 --Radio Engineering II	4
	19	Elec. Eng. 165-- Radio Engineering--Fundamentals of Electric Waves	2
			19

OPTION TWO

Electric Power Engineering

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem.5a--Class Society	0	Assem. 5b--Class Society	0
Elec. Eng. 151a-- Seminar	1	Elec. Eng.151b -- Seminar	1
Elec. Eng.107 --Electrical Control	3	Elec. Eng. 108 --Industrial Electronics	3
Elec. Eng. 135--Electrical Networks	4	*Civ. Eng. 120--Hydraulics	2
*English 30--Business English	2	*Civ. Eng.123--Hydraulics Laboratory	1
*Geography 10 --Economic Geography Survey	3	*Eng. Adm.102 -- Engineering Administration	3
Applied Mech.4 -Dynamics	2	Non-Technical Elective	3
**Elec. Eng. Elective	4	**Elec. Eng. Elective	6
	19		19

** Electric Power Courses (Electives)

**Elec. Eng. 111--Advanced Electrical Laboratory	1	**Elec. Eng. 124 --Electrical Design	2
**Elec. Eng. 117--Advanced A.C. Machinery	3	**Elec. Eng. 136 --Illumination Engineering	3
**Elec. Eng. 118 --Electrical Power Plant Equipment	3	**Elec. Eng. 137--Electric Power Transmission and Distribution	3
**Elec. Eng. 123 --Electrical Equipment Problems	2		

NOTE: With approval of the Department, a student of high standing and special ability may substitute Elec. Eng 152 (special problems) or appropriate courses in Physics for as much as 3 semester hrs. of required Electrical Engineering credits.

*With approval of Head of the Dept., other subjects may be substituted for these.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

For First Two Semesters, see page 549.

SOPHOMORE YEAR

First Semester	Credits	Second Semester	Credits
Assem. 3a -- Class Society	0	Assem. 3b -- Class Society	0
Physice 3a -- General College Physics	6	Physics 3b -- General College Physics	6
Math. 20a -- Differential Calculus	4	Math. 20b -- Integral Calculus	4
Eng.Draw. 18 -- Advanced Engineering Drawing	2	Met.Eng. 37 -- Adaptive Metallurgy for Engineers	4
Mech.Eng. 15a -- Manufacturing Processes	2	Mech. Eng. 15b -- Manugacturing Processes	2
Eng.Draw. 12 -- Graphical Computations	2	Applied Mech. 3 -- Statics	3
*Psychology 1a -- Introduction to Psychology	3	Military Science 6b	2
Military Science 6a	2		21
	21		

JUNIOR YEAR

First Semester	Credits		
Assem. 4a -- Class Society	0	Assem. 4b -- Class Society	0
Math. C105a -- Differential Equations	2	Mech.Eng. 100a -- Machine Design	3
Applied Mech. 2 -- Mechanisms	3	Mech. Eng. 104b -- Engineering Thermodynamics	3
Applied Mech. 7 -- Dynamics	3	Mech.Eng. 107 -- Fluid Mechanics	3
Applied Mech. 100 -- Strength of Materials	4	Mech.Eng. 112 -- Mechanical Laboratory	2
Mech. Eng. 104a -- Engineering Thermodynamics	3	Elec.Eng. 105b -- Electrical Engineering Circuits and Machinery	4
Elec.Eng. 105a -- Electrical Engineering Circuits and Machinery	4	Civ.Eng. 12 -- ¼;ane Surveying	3
Civ.Eng. 81 -- Testing Materials	2	*Sociology 25 -- Collective Behavior	3
	21		21

*With the approval of the Head of the Department, other subjects may be substituted.

OPTING ONE

General Mechanical Engineering

SENIOR YEAR

First Semester	Credits		
Assem. 5a -- Class Society	0	Assem. 5b -- Class Society	0
Mech.Eng. 109 -- Refrigeration	3	Mech. Eng. 105 -- Power Plant Engineering	3
Mech. Eng. 100b -- Machine Design	3	Applied Mech. 107 -- Mechanical Vibrations	4
Mech. Eng. 114a -- Air Conditioning, Heating and Ventilating	3	Mech.Eng. 114b -- Air Conditioning, Heating and Ventilating Design	3
Mech. Eng. 129 -- Elements of heat Transfer	4	Mech. Eng. 108 -- Internal Combustion Engines	4
Mech. Eng. 113a -- Mechanical Laboratory	2	Mech. Eng. 113b -- Mechanical Laboratory	2
Mech. Eng. 122 -- Seminar	1	Mech.Eng. 122b -- Engineering Administration	3
Economics 1 -- Principles of Economics	3		
	19		20

OPTION TWO

Aeronautical Engineering

SENIOR YEAR

Second Semester	Credits	Second Semester	Credits
Assem. 5a -- Class Society	0	Assem. 5b -- Class Society	0
Mech. Eng. 130 -- Applied Aerodynamics	3	Mech.Eng. 135 -- Experimental Aerodynamics	3
Mech. Eng. 131a -- Airplane Design	3	Mech.Eng. 131b -- Airplane Design	3
Mech. Eng. 129 -- Elements of Heat Transfer	4	Mech.Eng. 108 -- Internal Combustion Engines	4
Mech. Eng. 100b -- Machine Design	3	Mech.Eng. 113b -- Mechanical Laboratory	2
Mech. Eng. 113a -- Mechanical Laboratory		Applied Mech. 107 -- Mechanical Vibrations	4
Mech. Eng. 122a -- Seminar	1	Mech.Eng. 122b -- Seminar	1
Economics 1 -- Principles of Economics	3	*Eng. Adm. 102 -- Engineering Administration	3
	19		20

*With the approval of the Head of the Department, other subjects may be substituted.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

For First Two Semesters, see page 549

SOPHOMORE YEAR

First Semester	Credits		
Assem. 3a -- Class Society	0	Assem. 3b--Class Society	0
Math. 20a -- Differential Calculus	4	Chem. 21a--Quantitative Analysis	5
Physics 3a -- General College Physics	6	Math. 20b--Integral Calculus	4
Met. Eng. 29--Metallurgy of the Ferrous Metals	3	Physics 3b--General College Physics	6
Elective	3	Mt. Eng. 128--Metallurgy of Non-Ferrous Metals	3
Military Science 6a	2	Military Science 6b	2
	18		20

JUNIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 4a--Class Society	0	Assem. 4b--Class Society	0
Chem. 140a--Physical Chemistry	3	Chem. 140b--Physical Chemistry	3
Chem. 144a--Physical Chemistry Laboratory	2	Chem. 144b--Physical Chemistry Laboratory	2
Physics 123a--Heat and Thermodynamics	3	Physics 123b--Heat and Thermodynamics	3
Elec. Eng. 101--Fundamentals of Electrical Machinery	3	Elec. Eng. 102--Electrical Machinery	2
Met. Eng. 140--The Science of Metals		Met. Eng. 144--Ferrous and Non-Ferrous Metallography	3
Ecomonics 1--Principles of Economics	3	Met. Eng. 166--Extractive Metallurgy	5
*German 1a--Elementary German	3	*German 1b--Elementary German	3
	20		21

SUMMER TERM

(To be taken between Junior and Senior Year)

Met. Eng. 60--Metallurgical Laboratory and Shop Practice	6
Met. Eng. 167--Extractive Metallurgy Plant Practice	2
	8

*With the approval of the Head of the Department, other subjects may be substituted for these.

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 5a--Class Society	0	Assem. 5b--Class Society	0
Applied Mech. 3--Statice	3	Applied Mech. 100--Strength of Materials	4
Met. Eng. 132--Metallurgical Calculations	5	Met. Eng. 121--Fuel and Metallurgical Laboratory	2
Met. Eng. 142--Heat Treatment	3	Met. Eng. 143b--Physics of Metals	3
Met. Eng. 143a--Physics of Metals	3	Met. Eng. 175b--Seminar	1
Met. Eng. 175a--Seminar	1	*Physics 155--Fundamental Atomic and Nuclear Physics	3
*German 2a--Intermediate German	3	*German 2b--Intermediate German	3
*Commerce 109a--Business Law	3	*Commerce 109b--Business Law	3
	21		19

*With the approval of the Head of the Department, other subjects may be substituted for these.

CURRICULUM LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MINING ENGINEERING

For First Two Semesters, see page 549.

SOPHOMORE YEAR

First Semester	Credits	Second Semester	Credits
Assem. 3a--Class Society	0	Assem. 3b--Class Society	0
Math. 20a--Differential Calculus	4	Chem 21a--Quantitative Analysis	5
Physics 3a --General College Physics	6	Math. 20b--Integral Calculus	4
Geology 12a--Elementary Geology for Engineers	3	Physics 3b--General College Physics	6
Met. Eng. 26--Engineering Metallurgy	2	Geology 12b--Elementary Geology for Engineers	3
Elective	3	Military Science 6b	2
Military Science 6a	2		20
	20		

JUNIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 4a--Class Society	0	Assem. 4b--Class Society	0
Applied Mech. 3--Statice	3	Applied Mech. 100-Strength of Materials	4
Civ. Eng. 171a--Theory of Structures	3	Civ. Eng. 174--Graphice Solutions	2
Min. Eng. 126--Elements of Mining	5	Civ. Eng. 120-Hydraulics	2
Economics 1--Principles of Economics	3	Civ. Eng. 123--Hydraulics Laboratory	1
Geology 123a--Mineralogy	3	Met. Eng. 166--Extractive Metallurgy	5
*R. L. 5a--Elementary Spanish	3	Geology 123b--Mineralogy	3
	20	*R. L. 5b--Elementary Spanish	3
			20

SUMMER TERM

(Surveying Camp - 6 weeks)

Civ. Eng. 15--General Surveying	3
Civ. Eng. 16b--Route Surveying	3
Civ. Eng. 17--Hydrographic Surveying	1
(University Campus - 2 weeks)	
Met. Eng. 167--Extractive Metallurgy Plant Pracitce	2
	9

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Assem. 5a--Class Society	0	Assem. 5b--Class Society	0
Elec. Eng. 101--Fundamentals of Electrical Machinery	3	Elec. Eng. 102--Electrical Machinery	2
Mech. Eng. 134--Elements of Engineering Thermodynamics	3	Civ. Eng. 81--Testing Materials	1
Min. Eng. 127a--Mining Techniques	5	Met. Eng. 121--Fuel and Metallurgical Laboratory	2
Min. Eng. 175a--Seminar	1	Min. Eng. 127b--Mining Techniques	4
*Commerce 102--Labor Problems	3	Min. Eng. 129--Mine Ventilation and Drainage	5
*R.L. 7a--Intermediate Spanish	3	Min. Eng. 175b--Seminar	1
Min. Eng. 130--Mine Administration	3	*R. L. 7b--Intermediate Spanish	3
	21		18

*With the approval of the Head of the Department, other subjects may be substituted for these.

Dean Evans presented for the College of Law the following recommended revisions of courses, which were approved by the University Faculty:

The following assignments of credit value under the semester system are recommended for the indicated subjects of the College of Law Curriculum;

SUBJECT	Credits
First Year	
Pleading I, 106a	2
Pleading II, 106b	2
Contracts I, 101a	3
ContractsII, 101b	3
Criminal Law, 197a	2
Criminal Procedure, 107b	2
Property I, 193	2
Property II, 104	2
Torts I, 102a	3
Torts II, 102b	3
Agency, 105	2
Domestic Relations, 148	2
Legal Bibliography, 144	1
Second Year	
Constitutional Law I, 161a	2
Constitutional Law II, 161b	2
Equity I, 121a	3
Equity II, 121b	3
Property III, 122	3
Evidence, 124	4
Trial Procedure, 120	4
Public Utilities, 150	3
Wills and the Administration of Estates, 163	2
Quasi Contracts (Restitution), 147	2
Insurance, 145	2

SUBJECT	Credits
Third Year	
Conflict of Laws, 164	3
Negotiable Instruments, 123	3
Property IV (Fut. Int.), 162	3
Sales, 166	3
Trusts, 165	4
Practice Court, 125	1
Private Corporations I, 160a	2
Pvt. Corporations II, 160b	2
Taxation, 153	3
Elective (Open to Second and Third Year Students)	
Administrative Law, 167	3
Damages, 154	2
Federal Jurisdiction and Procedure, 173	2
Industrial Relations, 142	2
Law of the Air, 160	2
Municipal Corporations, 149	2
Oil and Gas, 152	2
Partnership, 141	2
Problems of Research. 172	1 or 2
Credit Transactions, 174	3
Trade Regulation, 176	3
Statutory Interpretation 177	2
Creditors' Rights, 178	3
Labor Law, 180	3
Legislation, 179	3
Landlord and Tenant, 183	2
Legal Ethics, 170	2
Law Journal Note Editing 181a	2
Law Journal Note Editing 181b	2

Doctor Hammonds, acting for Dean Taylor, presented recommendations of the College of Education, covering changes in courses and curricula to conform to the semester system. The changes were approved by the follows:

Preparatory to changing from the quarter system to the semester system the faculty of the College of Education makes the following recommendations:

I. Courses to be dropped:

DIVISION OF ADMINISTRATION

		Quarter hours
148	Advisers of Girls and Deans of Women	4
204	Redirecting Educational Efforts and Resources to Meet War Conditions	4
236	Business Administration of Public Education	4
239	The Administration of Public Schools in Relation to Other Agencies	4
250a,b	Educational Problems and Community Resources	4 each

DIVISION OF FOUNDATIONS OF EDUCATION

114	Educational Sociology	4
117a,b	History of Education	4 each
118	Educational Tests and Measurements for Elementary Teachers	4
201a	Early History of Education in the United States	4
201b	Recent Educational History in the United States	4
216	Seminar in Tests and Measurements	4
235	History of Education in Kentucky	4
275	Advanced Problems in Philosophy of Education	4

DIVISION OF INSTRUCTION AND PLACEMENT

109	Principles of Secondary Education	4
176	Pre-School Organization and Teaching	4
240	Character Education	4
241	Problems in Teaching the Social Studies	4
242	Problems in Teaching English	4
243	Problems in Teaching Mathematics	4
244	Problems in Teaching Physics	4

II. Courses to be added:

DIVISION OF FOUNDATIONS OF EDUCATION

		Semester hours
201	Foundation in Education. A required course for all graduate students in education. Utilizes findings from the fields which contribute to an understanding of the development of the individual-in-society and social interaction.	5

DIVISION OF INSTRUCTION AND PLACEMENT

273	Classification and Possible Use of Community Resources in Business Education. Course provides for community analysis, and the development of possible ways and means to supplement the business education course in the secondary school with a study of vital community resources.	3
292a,b	Field Problems in Curriculum and Supervision. A course designed to provide direct experience in dealing with educational problems in field situations, Observations, readings, and research also required. Registration only with consent of instructor.	4 each
305a,b	Research Problems in Curriculum and Supervision. An independent research course. Students confer indivdually with the instructor, Prerequisite: One year of graduate work.	3 each

DIVISION OF VOCATIONAL EDUCATION

166a-d	Problems in Home Economics Education. Problems in the field of teaching home economics to high school students and adults. The course may include teaching and supervision of the school community cannery and the teaching of housing to high school students and adults.	3 each
185a-d	Problems in Agricultural Education. Class work on current problems in agricultural education common to special groups of students (not individual-problem work).	3 each
285a-d	Modern Problems in Agricultural Education. Class work (not individual-problem work) on modern problems in agricultural education.	3 each

III. Current Courses with recommended semester hours:

DIVISION OF ADMINISTRATION

101	School Organization	3
198	The Administration of Pupil Personnel	3
202	Local School Administration	3
203	Constitutional and Legal Basis of Public School Administration	3
207	School Buildings and Equipment	3
210a,b	Independent Work in School Administration	3 each
213	State School Administration	2
221a,b	Seminar in Administration	4 each
231	Business Administration and Finance of Public Education[1]	3

[1] change made in course title

232	High School Administration	3
233	The Administration of the Teaching Personnel	3
238	Trends in Higher Education	3
276	Administrative Problems in Today's Education	3
301a,b	Research Problems in Educational Administration	3 each
321a,b	Research Problems in Higher Education	3 each

DIVISION OF FOUNDATIONS OF EDUCATION

16	Educational Psychology	3
35	Introduction to Education	2
119	The Elementary School Pupil[1]	2
122	Educational Tests and Measurements[1]	3
147	The Secondary School Pupil[1]	2
200a,b	Philosophy of Education	3 each
205[2]	Review of Current Educational Literature	3
219	History of Educational Thought[1]	3
220	Comparative Education	3
222	Methodology of Educational Research	3
223	Educational Statistics	3
228a,b[3]	Seminar in Education	1 each
230	Educational Sociology[1]	3
237a,b	Independent Work in History of Education[1]	3 each
247a,b	Independent Work in Philosophy of Education	3 each
254	Problems in Educational Psychology	3
255a,b	Guidance and Counseling in Today's Schools[1]	3 each
258a,b	Independent Work in Educational Psychology	3 each

DIVISION OF INSTRUCTION AND PLACEMENT

Business Education

104	Foundations of Business Education in the High School	3
158a	Teaching Secretarial Subjects	2
158b	Teaching Accounting	2
184	Teaching Office Appliances	2
192	Teaching General Business Subjects in the Secondary Schools[1]	2
194[4]	Teaching Consumer Courses in the High School	3
208a-d	Problems in Business Education	3 each
256	The Social Business Subjects in High School	3
257a,b	Seminar in Business Education	1 each
259	The Commerce Curriculum	3
270	Business Teacher Education in Colleges and Universities	3
271	Administration and Supervision of Business Education	3
272a,b	Independent Work in Business Education	3 each

[1]Change made in course title
[2]Course was formerly a and b
[3]Course was formerly a-d
[4]Course lowered from 200 level to 100 level. Was formerly 260

107	Safety Education	3	
127	The Elementary Curriculum	3	
175a-d	Modern Educational Problems	3	each
175e	Modern Educational Problems: Administration of Adult Education	3	
175f	Modern Educational Problems: Methods and Materials in Adult Education	3	
175g	Modern Educational Problems: Education of Handicapped Children	3	
175i	Modern Educational Problems: Community Organization in Adult Education	3	
186	Visual Teaching	3	
206	Problems of College Teaching	3	
225[1]	Supervision of Instruction	4	
226a-f	Problems of the School Curriculum	3	each
227[1]	Principles of Curriculum Construction	4	
234	Problems of Curriculum Making	3	
245	Organization of Audio-Visual Aids	3	
246	Motion Pictures in Education	3	
249	Extra-Curricular Activities	3	

Elementary Education

20	Industrial Arts in the Elementary School[2]	3	
42	Teaching Arithmetic in the Elementary School[2]	3	
44	Child Development and the Curriculum	6	
110	Art and Craft Activities in the Elementary School[2]	2	
133	Student Teaching in the Elementary School	12	
141	Problems in Diagnostic and Remedial Reading	3	
172	The Teaching of Reading[2]	3	
173	Children's Literature[2]	3	
174	Teaching in the Kindergarten[2]	3	
196	Science in the Elementary School	3	
212	The Elementary School	3	
215a,b	Independent Work in Elementary Education	2	each
224	Organization and Supervision of Student Teaching	3	
229	The Elementary Principal	3	
308a,b	Research Problems in Elementary Education	3	each

Music Education

251	Problems in Public School and Community Music	2	
252	Field Problems in Music	2	
253	Independent Work in Music Education	2	

Secondary Education

105	Fundamentals of Secondary Education	3	
111	Remedial Reading in the Secondary School	2	
142	Student Teaching in Art	6	
153	Student Teaching in English	9	
154	Student Teaching in Languages	9	

[1]Course was formerly a and b
[2]Change made in course title

155	Student Teaching in the Sciences	9
156	Student Teaching in Mathematice	9
157	Student Teaching in the Social Studies	9
169a,b[1]	Student Teaching in Physical Education	3 each
177a,b[1]	Student Teaching in Music	3 each
193	Student Teaching in Business Education	9
214	The Secondary School	3
248a,b	Independent Work in Secondary Education	3 each
307a,b	Research Problems in Secondary Education	3 each

DIVISION OF VOCATIONAL EDUCATION

Agricultural Education

179	Determining Content in Vocational Agriculture	3
181	Teaching Vocational Agriculture	12
182	Adult-Farmer Schools and Young-Farmer Courses in Agriculture	3
188	Farm Practice Supervision	1
280	Method in Teaching Vocational Agriculture	3
281	Teaching Prevocational Agriculture	3
287a	Advanced Problems in Agricultural Education	3
287b	Selecting Teaching Materials	3
287c	Adult-Farmer Schools	3
287d	Directing Farm Practice	3
287e	Teaching Farm Shop	3
287f	Young-Farmer Schools	3
289a,b	Research in Agricultural Education	3 each

Home Economics Education

160	Technique of Teaching Home Economics	3
162	Student Teaching in Home Economics	6
165	Adult Education in Home Economics	3
261	Home Economics Supervision	3
263	Current Problems in Home Economics Education	3
264	Modern Trends in Home Economics Education[2]	3
265a,b	Independent Work in Home Economics Education	3 each
266a-c	Seminar in Home Economics Education	3 each
267	Directed Supervision in Home Economics Education	3
268	Home Economics Curriculum Construction	3
269	Evaluation in Home Economics Education	3

Distributive Education

112	Determining Teaching Content in Distributive Education	3
115a,b	Problems in Distributive Education	3 each
116	Problems of the Coordinator in Distributive Education	3
128	Technique of Teaching Distributive Education	3

[1]Course was formerly a,b,and c
[2]Change made in course title

Trade and Industrial Education

71	Trade Analysis	2
77	Shop Management Problems	2
78	Conference Leader Training	2
82	Instructional Material in Industrial Education	2
83	Principles of Trade Teaching	2
123	Vocational Guidance	2
134	Organization and Operation of Part-time and Evening Classes	2
136	Surveys in Industrial Education	2
137	Special Problems in Industrial Education	2
143	Modern Industrial Analysis	2
171a,b	Principles and Philosophy of Industrial Education	2 each
183a,b	Methods in Industrial Education	2 each

Vocational Education

211	The Administration of Vocational Education	3
282	Special Problems in Vocational Education	3

Requirements for graduation:

1. 128 semester hours

2. A standing of at least 1.0

3. The completion of the curriculum required in the areas, majors, and minors set forth in the catalog.

The Faculty was adjourned.

Maurice F. Seay
Secretary

MINUTES OF THE UNIVERSITY FACULTY
DECEMBER 8, 1947

The University Faculty met in the Assembly Room of Lafferty Hall Monday, December 8, at 4:00 p.m. President Donovan presided. Members absent were Thomas P. Cooper, W. C. Eaton, J. S. Horine, W. M. Insko, M. Jongeward, Earl P. Slone, and Claude Sprowles.

The minutes of November 10 were read and approved.

Dean Seay announced to the Faculty that because of delay in the printing of the schedule of classes for the Winter Quarter, the deans of the colleges had agreed that there would be no pre-classification of students and that an additional day would be needed at the opening of the quarter to complete this work. The Faculty approved a motion that one day be added to the classification period and that classes start on Thursday, January 8, instead of Wednesday, January 7.