

MINUTES OF THE UNIVERSITY SENATE
April 10, 1939

The University Senate met in the Assembly Room of the Law College Monday, April 10, 1939. President McVey presided.

The minutes of March 13 were read and approved.

On recommendation of the Rules Committee, the Senate approved the following regulation governing eligibility for a second degree:

"A student may be eligible for a second bachelor's or a second master's degree when he has completed the requirements of the second curriculum. The total work for both degrees shall consist of not less than one year of residence and one year of credits beyond that of the first degree. With the approval of his Dean, the student may pursue the work in the two courses simultaneously, but two degrees will not be granted at the same commencement."

The Curriculum Committee reported to the Senate as follows:

To the Members of the Senate:

The Curriculum Committee herewith presents a complete list of "live" courses, prepared according to Senate action of May 9, 1938, in consultation with departments in all colleges.

In several cases where the titles and credits of courses in recent catalogs do not correspond precisely to the record in the Registrar's course file we have generally followed current practice on the assumption that the change represents an improvement desired by the department or college.

There are a few courses, viz., Education 256 and 264 and Law 173, for which there appears to be no record of Senate action. Since these are live courses of long standing, we have also included them in this list.

There are very likely some omissions and errors in this list despite the care used in its compilation. We shall appreciate it if the necessary corrections from each department are sent to the Secretary of the Committee, Professor R. H. Weaver - Phone 128, before the next meeting of the Senate on April 10.

The Committee recommends to the Senate that this list be adopted as the official University course offerings and that all courses authorized by the Senate through March, 1939, but not appearing on this list be dropped from the University Curriculum.

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UNIVERSITY OF KENTUCKY

College of Arts and Sciences

Anatomy and Physiology

- 1a-b General Physiology (3,3)
- 3 Physiology (4)
- 4 Elementary Anatomy (3)
- 5 Physiology (3)
- 6 General Anatomy and Physiology for Nurses (4)
- 103a-b-c-d Independent Work in Anatomy (3 each)
- 104a-b-c-d Independent Work in Physiology (3 each)
- 105 Architecture of the Human Skeleton (4)
- 106 Introduction to Endocrinology (3)
- 107 Advanced Anatomy (4)
- 108a-b Advanced Physiology (4,4)
- 109 Application of Physical Principles to the Human Body (3)
- 116a-b-c-d Seminar in Anatomy and Physiology (1 each)
- 201a-b Research in Physiology (5,5)

Ancient Languages

- 1 Beginning Latin (3)
- 2 Caesar and Selections (3)
- 3 Cicero and Selections (3)
- 4 Virgil (3)
- 5 Livy (3)
- 6 Horace (3)
- 7 Tacitus (3)
- 8 Pliny's Letters (3)
- 16a-b Tutorial Work in Ancient Languages (1,1)
- 51 Beginning Greek (3)
- 109a-b Latin Literature (3,3)
- 110a-b Latin Literature (3,3)
- 114a-b Advanced Latin Composition (1,1)
- 115a-b Latin Composition (1,1)
- 120 Survey of Greek Civilization (3)
- 121 Survey of Roman Civilization (3)
- 150a-b Teachers Course in Latin (3,3)
- 201a Latin Pastoral Poetry (3)
- 201b Latin Elegiac Poetry (3)
- 122a-b Greek Literature in English Translation (3,3)
- 149 Selected Readings from Greek Authors (3)
- 152 Anabasis (3)
- 153 Homer (3)
- 154 Plato (3)
- 155 Herodotus (3)

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College of Arts and Sciences

Anthropology and Archaeology

- 101 Principles of Anthropology (2)
- 102 Kentucky Archaeology (2)
- 103a-b-c-d Independent Work in Anthropology and Archaeology (3each)
- 105 Ethnology (2)
- 106 Ethnology of Europe (2)
- 110a-b-c Field Work in Archaeology (3,3,3)

Art

- 10 Public School Art (2)
- 17a-b Art Appreciation (1,1)
- 22 Arts and Crafts in America (2)
- 23a Decorative Arts of the 18th Century in England (2)
- 23b Decorative Arts of the 18th Century in France (2)
- 29 Advertising Art (2)
- 30a-b Introduction to Art (2,2)
- 35 History of Ancient Art (3)
- 36 History of Medieval Art (3)
- 41 Architecture in the United States (1)
- 42 Painting and Sculpture in the United States (1)
- 44a-b Appreciation of Prints (1,1)
- 47 Art in America (3)
- 60a-b Seminar in Art (1,1)
- 61a-b Drawing (3)
- 62a-b Design (2,2)
- 63a-b Intermediate Drawing (3,3)
- 64a-b Intermediate Design (3,3)
- 65a-b Painting (3,3)
- 68a-b Graphic Design (3,3)
- 112a-b Composition (2,2)
- 115a-b-c-d-e-f Independent Work (3 each)
- 116a-b Etching (4,4)
- 137 History of Renaissance Art in Italy (3)
- 138 Renaissance Art in the North (3)
- 139a-b History of Modern Art (3,3)
- 145a-b History of Architecture (1,1)
- 151a-b Criticism of Art (3,3)
- 157 Art in Secondary Schools (3)
- 165a-b Intermediate Painting (3,3)
- 166a-b Advanced Design (3,3)
- 167a-b Advanced Painting (5,5)

Bacteriology

- 2a-b Elementary Microbiology (4,4)
- 6 Bacteriology for Nurses (4)
- 52 Principles of Bacteriology (4)
- 56 Bacteriology of Foods (4)
- 57 Bacteriology of Water and Sewage (4)
- 102 General Bacteriology (4)
- 103 Pathogenic Bacteriology (4)

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Bacteriology (Continued)

- 104 Applied Bacteriology (2)
- 110a-b Laboratory Diagnosis (3,3)
- 111 General Pathology (4)
- 115a-b-c-d Independent Work (3 each)
- 120 a-b Hospital Laboratory Practice (4,6)
- 125 Immunology and Serology (5)
- 150a-b-c-d Seminar (1 each)
- 201a-b-c-d Research in Bacteriology (5 each)
- 203a-b Public Health Bacteriology (3,3)
- 206 Bacteriology of Foods (4)
- 207 Bacteriology of Water and Sewage (4)

Botany

- 1a-b General Botany (4,4)
- 6 Plant Histology (3)
- 15 Local Flora (3)
- 19 Dendrology (2)
- 103 Plant Physiology (4)
- 106a-b-c-d Special Problems (3 each)
- 107 Morphology of Algae (3)
- 111 Classification of Parasitic Fungi (1)
- 114 Ecology (3)
- 125a-b Morphology of the Fungi (4,4)
- 126a-b Mycology (3,3)
- 150a-b Advanced Systematic Botany (3,3)
- 206a-b Research in Morphology (5,5)
- 207a-b Research in Mycology (5,5)
- 210a-b Research in Plant Physiology (5,5)
- 213a-b Research in Systematic Botany (5,5)

Chemistry

- 1a-b General Inorganic Chemistry (5,5)
- 2a-b General Inorganic Chemistry for Engineers (4,4)
- 4 Qualitative Analysis (4)
- 6 Qualitative Analysis for Mining and Metallurgical Engineers (4)
- 7 Organic Chemistry (4)
- 8 Quantitative Analysis (5)
- 17 Gas Analysis (1)
- 20a-b Organic Chemistry (5,5)
- 49a-b Chemistry for Nurses (2,2)
- 51 General Inorganic Chemistry (3)
- 101 Physical Chemistry (5)
- 102 Electro Chemistry (5)
- 103 Qualitative Organic Analysis (5)
- 104 Advanced Synthetic Inorganic Chemistry (5)
- 106 Advanced Organic Chemistry (5)
- 107 Selected Problems in Quantitative Analysis (5)
- 108 Colloid Chemistry (5)
- 109 Quantitative Analysis (5)
- 110 Physical Chemistry, Intermediate Course (3)

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Chemistry (Continued)

- 111 Physical Chemistry, Intermediate Course (2)
- 112 Advanced Agricultural Analysis (4)
- 114 Advanced Quantitative Analysis (5)
- 118 Water Analysis (2)
- 119a-b Industrial Chemistry (2,2)
- 122a-b Journal Club (1,1)
- 127a-b Organic Chemistry (5,5)
- 129 Food Chemistry and Analysis (5)
- 130a-b Physiological Chemistry (5,5)
- 130a-b Physiological Chemistry (5,5)
- 131a-b Physical Chemistry (4,4)
- 140 Industrial Stoichiometry (3)
- 150 Advanced Inorganic Chemistry (4)
- 151 Chemistry of the Vitamins (1)
- 201 Synthetic Inorganic Chemistry (5)
- 202 Quantitative Analysis (5)
- 204a-b Organic Chemistry (5,5)
- 205a-b Advanced Physical Chemistry (2,2)
- 206a-b Advanced Physical Chemistry (3,3)
- 207a-b Systematic Inorganic Chemistry (2,2)
- 208 Theoretical Chemistry (2)
- 210a-b-c-d Seminar (Leach)

English

- d English Composition (0)
- 1a-b English Composition (3,3)
- 2a Advanced Composition (2)
- 2b The Short Story (2)
- 3a-b History of English Literature (3,3)
- 5a-b Old English (3,3)
- 6 The Essentials of Speech (2)
- 7a-b Elements of Public Speaking (3,3)
- 10a-b Public Speaking (2,2)
- 11a-b Argumentation and Debate (3,3)
- 12a-b Debate Practice (2,2)
- 14a-b Principles of Discussion (2,2)
- 15a-b Oratory (2,2)
- 20 Speech Training (3)
- 30 Business English (2)
- 33 Elements of Interpretative Reading (3)
- 34a-b Dramatic Production (2,2)
- 35 Advanced Dramatic Production (2)
- 37 Advanced Dramatic Production (2)
- 102 History of the English Language (2)
- 103 Advanced Old English (3)
- 104 The Seventeenth Century (3)
- 106 English Romanticism (3)
- 107 Victorian Poets (3)
- 108a-b Principles of Literary Criticism (3,3)
- 109 Pre-Shakespearean Drama (3)
- 110a Shakespeare (Comedy) (3)
- 110b Shakespeare (Tragedy) (3)
- 111a The English Novel before Scott (3)
- 111b The English Novel after Scott (3)
- 110 Oral Interpretation of Literature (3)

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English (Continued)

- 116 The Contemporary Drama (3)
- 123a American Literature before 1860 (3)
- 123b American Literature after 1860 (3)
- 124 The Renaissance (3)
- 125 Pronunciation of Modern English (3)
- 127a-b Literature of the Bible (3,3)
- 130a-b Comparative Literature (3,3)
- 131a-b-c-d-e-f Independent Work (2 each)
- 133 The Development of American Realism (3)
- 136 Victorian Prose (3)
- 143 Edgar Allen Poe (3)
- 145 Elizabethan Drama, Exclusive of Shakespeare (3)
- 147 Age of Johnson (3)
- 151 Browning (3)
- 152 Age of Pope (3)
- 153 Restoration-Eighteenth Century Drama (3)
- 155a-b Contemporary English Poetry (3,3)
- 156 Expressive Reading (3)
- 157 Teaching of Speech and Oral English (3)
- 163a-b Playwriting (3,3)
- 201a-b Literary Criticism (3,3)
- 202a-b Studies in Contemporary Drama (3,3)
- 204a-b-c-d Beowulf (3 each)
- 205 Chaucer (3)
- 206 Alfredian Prose (3)
- 207 Spenser (3)
- 208 Carlyle (3)
- 210a-b Seminar (3,3)

Geology

- 3 Elementary Geology for Agricultural Students (3)
- 7 Engineering Geology (2)
- 9a-b Field Geology (2,2)
- 12 Elementary Geology for Engineers (3)
- 14a-b-c-d Elementary Field Geology (1 each)
- 17 Conservation of Natural Resources (3)
- 20a-b Laboratory Work in Elementary Geology (1,1)
- 22a-b Elementary Geology (4,4)
- 23a-b Elementary Field Work in Regional Geology (2,2)
- 24a-b Elements of Geography (3,3)
- 25a Regional Physical Geography (3)
- 26a-b Advanced Geology (4,4)
- 101a-b Paleontology (3,3)
- 104a-b-c-d Advanced Field Geology (2 each)
- 105a-b-c-d-e-f Independent Work in Geology (3 each)
- 106a-b Economic Geology (3,3)
- 109a-b Mineralogy (2,2)
- 118a-b-c-d Field Work in Regional Geology (2 each)
- 120a-b Geology of Kentucky (3,3)
- 121 Economic Geology of Kentucky (3)
- 122 Petroleum Geology (3)

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Geology (Continued)

- 123a-b Mineralogy (3,3)
- 124a-b Regional Geology (3,3)
- 207a Petrology: Optical Mineralogy (3)
- 207b Petrology (3)
- 210a-b Stratigraphic Paleontology (3,3)
- 211 Principles of Sedimentation (3)

German Language and Literature

- 1a-b Elementary German (3,3)
- 2a-b Intermediate German (3,3)
- 3a-b Selected Reading (3,3)
- 6a-b Scientific German (3,3)
- 10a-b German Conversation and Composition (2,2)
- 101a-b Nineteenth Century Literature (3,3)
- 102a-b Twentieth Century Literature (3,3)
- 103a-b Life and Works of Goethe (3,3)
- 105a-b-c-d-e-f Independent Work in German (3 each)
- 108 German Lyric Poetry (3)
- 110a-b German Literature in Translation (3,3)
- 120a-b Junior Tutorial Work in German (1,1)
- 130a-b Senior Tutorial Work in German (1,1)
- 160a-b Literary Landmarks of Germany (3,3)
- 201a-b Middle High German (3,3)
- 203a-b German Literature from Luther to Lessing (3,3)

History

- 1a-b The Ancient World (2,2)
- 2a-b History of the British People (3,3)
- 4a Modern Europe to the French Revolution (3)
- 4b Modern Europe since the French Revolution (3)
- 5a-b History of the United States (3,3)
- 6 American Constitutional History (2)
- 40 History of Kentucky (2)
- 100a-b The Diplomacy and Foreign Policy of the United States (3,3)
- 105 Colonial America (2)
- 106a Colonial Latin America (2)
- 106b Latin American Republics (2)
- 110a-b History of the Americas (3,3)
- 114 The Renaissance in the South (3)
- 115 The Renaissance in the North (3)
- 116a-b Senior Seminar (1,1)
- 119a The French Revolution and Napoleon (3)
- 119b The Nineteenth Century (3)
- 120 The Twentieth Century (3)
- 121 Social and Political Factors in Contemporary Civilization (3)
- 131a-b English Constitutional History (3,3)
- 135a-b The British Empire (3,3)
- 138 British Social History during the Tudor Period (2)
- 140a-b-c-d Independent Work (2 each)

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College of Arts and Sciences

History (Continued)

- 147 Recent History of the United States (3)
- 166a-b Division and Reunion (3,3)
- 170 The Era of Louis XIV (3)
- 171 Eighteenth Century in Europe (2)
- 175 The Succession States (3)
- 176 The Third French Republic (3)
- 177 Germany since 1870 (3)
- 180 History of the New South (3)
- 184 The Geographic Basis of American History (2)
- 190a The Far East to 1900 (3)
- 190b The Far East since 1900 (3)
- 194 The United States in the Pacific and the Far East since 1898 (3)
- 199 World Affairs from the Franco-Prussian War to the Munich Conference of 1938 (2)
- 202 The American Revolution (3)
- 206 The Confederation of the United States (3)
- 226 The Old South (3)
- 247a-b-c-d Seminar in Recent United States History (2 each)
- 280 European Historiography (2)
- 281 American Historiography (2)
- 300a-b-c-d Seminar in American Diplomacy (3 each)
- 315a-b-c-d Henry Clay (3 each)
- 320a-b-c-d Origins of the Great War (3 each)
- 331 Seminar in Modern British History (3)
- 340a-b-c-d Seminar in American Diplomacy in the Pacific Area (3 each)
- 342 Seminar in Kentucky History (2)
- 365 The American Civil War (3)
- 366 Reconstruction (3)

Hygiene and Public Health

- 1 Personal and Community Health (1)
- 7 First Aid and Emergencies (1,3)
- 9 Hygiene for Teachers (2)
- 100a-b Public Health (3,3)
- 104 Maternal and Child Health (2)
- 105a-b Advanced Hygiene (2,2)
- 110 Health Education and Health Supervision of Schools (3)
- 111a-b Independent Work in Hygiene and Public Health (3,3)
- 115 Communicable Diseases (3)
- 118 Vital Statistics (3)
- 120a-b Mental Hygiene (3)
- 122 School and Community Health (2)
- 124a-b Public Health Nursing (3,3)
- 125a-b-c-d-e County Health Practice for Public Health Nurses (2,3,3,3,3)
- 126 Care and Treatment of Crippled Children (1)
- 130 Deficiency Diseases and Nutrition (2)
- 150a-b Problems in Health Education (3,3)
- 200 Epidemiology (3)

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Hygiene and Public Health (Continued)

- 203 Public Health Records (2)
- 204 Maternal and Child Health (2)
- 212a-b Public Health Administration (3,3)
- 218a-b Vital Statistics (3,2)
- 220 Mental Hygiene (2)
- 225a-b County Health Practice for Health Officers (3,2)
- 290 Seminar (1)

Journalism

- 2a-b Introduction to Journalism (1,1)
- 10a-b Survey of Journalism (3,3)
- 20a-b News Reporting (3,3)
- 21 Etymology (3)
- 90a-b Tutorial Work in Journalism (1,1)
- 102 Community Journalism (3)
- 103 Newspaper Administration (3)
- 104a-b Copyreading, Typography (3,3)
- 105 Law of the Press (2)
- 106 Influence of the Newspaper (3)
- 107 Editorial Writing (2)
- 108 History of Journalism (3)
- 110 Supervision of High School Publications (3)
- 111 Verbal Criticism (3)
- 112 Critical Writing for the Press (3)
- 115 Advertising Typography and Layout (3)
- 118 Publicity for Schools and Social Service Agencies (3)
- 120 Seminar in Public Opinion (3)
- 123 Feature Writing (3)
- 125 Magazine Article Writing (3)
- 127 Reporting Public Affairs (2)

Library Science

- 25 Use of the Library (2)
- 105 Reading Guidance (2)
- 107 Function and Use of the Library in the School (2)
- 126 Place, Function, Administration of the High School Library (3)
- 128 Children's Literature (2)
- 129a-b Cataloging and Classification (3,2)
- 131 Library Service to Children (1)
- 132 Library Work with Children (2)
- 133a-b Reference and Bibliography (3,2)
- 138 Methods of Teaching the Use of the Library (2)
- 139 Field Work (2)
- 144 Library Record and Methods (2)
- 150a-b Book Selection (3,2)
- 154 Seminar (2)

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College of Arts and Sciences

Mathematics and Astronomy

- D No Credit Course
- 2 Solid Geometry (3)
- 3 Plane Trigonometry (3)
- 5 College Algebra (5)
- 9 Course for Prospective Teachers (3)
- 11 Spherical Trigonometry (1)
- 12 Least Squares (1)
- 14 Mathematics of Finance (5)
- 16a-b-c-d Tutorial Work in Mathematics (1 each)
- 17 College Algebra (3)
- 18 Plane Trigonometry (2)
- 19 Plane Analytic Geometry (3)
- 20a Differential Calculus (4)
- 20b Integral Calculus (4)
- 51a-b Descriptive Astronomy (3,3)
- 52a-b Practical Astronomy (3,3)
- 54 Elementary Observations (2)
- 102 Vector Analysis (3)
- 103 Theory of Equations (3)
- 104 Advanced Analytics (3)
- 105a-b Differential Equations (3)
- 106a-b Advanced Calculus (3,3)
- 107 Projective Geometry (3)
- 110a-b-c-d-e-f Independent Work in Mathematics (3 each)
- 112 Series (3)
- 113 Fourier Series and Spherical Harmonics (3)
- 116 Analytical Mechanics (3)
- 118 Solid Analytic Geometry (3)
- 119 Modern Geometry (3)
- 120 Mathematical Statistics (3)
- 121 Modern Solid Geometry (3)
- 122 Actuarial Mathematics (3)
- 123 Curve Tracing (3)
- 130 Integral Equations (3)
- 131 Axiomatics (3)
- 151 Practical Astronomy (3)
- 201a-b Geometric Transformations (3,3)
- 202a-b Algebraic Curves (3,3)
- 203 Thesis Course (3)
- 204 Calculus of Variations (3)
- 205 Differential Geometry (3)
- 206 Theory of Groups (3)
- 207a-b Theory of Numbers (3,3)
- 208 Theory of Functions of a Real Variable (3)
- 209 Theory of Functions of a Complex Variable (3)
- 211 Higher Algebra (3)
- 214 Potential Function (3)
- 218 Algebraic Numbers (3)
- 220a-b-c-d Mathematics Seminar (2 each)
- 221 Tensor Analysis (3)
- 222 Orthogonal Systems of Functions (3)
- 251a-b Celestial Mechanics (3,3)

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College of Arts and Sciences

Military Science

- 1a-b First Year Basic Course, R.O.T.C. (1.3,1.3)
- 3a-b First Year Basic Course, R.O.T.C. (Band) (1.3,1.3)
- 4a-b Second Year Basic Course, R.O.T.C. (Band) (1.5,1.5)
- 6a-b Second Year Basic Course, R.O.T.C. (1.5,1.5)
- 7a-b First Year Advanced Course, R.O.T.C. (3,3)
- 8a-b Second Year Advanced Course, R.O.T.C. (3,3)

Music

- 4a-b Public School Music (2,2)
- 9a-b-c Organization and Training of Musical Groups (2,2,2)
- 12a-b Counterpoint and Composition (2,2)
- 13a-b Form and Analysis (2,2)
- 15a-b-c-d-e-f-g-h Applied Music - Piano (3 each)
- 16a-b-c-d-e-f-g-h Applied Music - Strings (3 each)
- 17a-b-c-d-e-f-g-h Applied Music - Voice (3 each)
- 18a-b-c-d-e-f-g-h Applied Music - Organ (3 each)
- 19a-b History and Appreciation of Music (3,3)
- 22a-b-c-d Band (1.3 each)
- 23a-b Band (1.5,1.5)
- 26 High School Methods (2)
- 28a-b Concert Band (1,1)
- 29a-b Concert Band (2,2)
- 31a-b-c-d-e-f-g-h Applied Music - Woodwind Instruments (3 each)
- 32a-b-c-d-e-f-g-h Applied Music - Brass Instruments (3 each)
- 33a-b Elementary Harmony and Sight Reading (5,5)
- 34a-b Advanced Harmony, Dictation and Ear Training (5,5)
- 39a-b-c-d-e-f-g-h Glee Club (1 each)
- 40a-b-c-d-e-f-g-h Orchestra (1 each)
- 42 Seminar (2)
- 110-a-b-c-d-e-f-g-h Independent Work in Music (2 each)
- 114a-b Orchestration and Conducting (2,2)
- 133 Function of Music in Education (3)
- 202 History of Musical Thought (2)
- 203 Choral Literature and Technique (2)
- 204 Advanced Band Technique (2)
- 208a-b Seminar in Music (1,1)
- 215a-b-c-d Applied Music - Piano (3 each)
- 216a-b-c-d Applied Music - Sting (3 each)
- 217a-b-c-d Applied Music - Voice (3 each)
- 218a-b-c-d Applied Music - Organ (3 each)
- 228a-b-c-d Concert Band (1 each)

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College of Arts and Sciences

Philosophy

- 21 Introduction to Philosophy (3)
- 31 Logic (Elementary) (3)
- 35a-b Tutorial Work in Philosophy (1,1)
- 51 Ethics (3)
- 101a-b History of Philosophy (3,3)
- 106 Representative Modern Philosophers (3)
- 107a-b Political Philosophy (3,3)
- 108a-b Independent Work (2,2)
- 109a-b-c-d-e-f Independent Work (3 each)
- 110 Making of the Modern Mind (3)
- 111a-b Contemporary Philosophy (3,3)
- 115 Intermediate Logic (3)
- 118 Plato and Aristotle (3)
- 120 Great Religions of the World (3)
- 201a-b Seminar in Philosophy (1,1)
- 210a-b Types of Logical Theory (3,3)
- 220a-b-c-d Research (3 each)

Physical Education
(For Men)

- 1a-b-c-d Restricted Physical Activity (.7 each)
- 2 Tap and Clog Dancing (.7)
- 3 Boxing (.7)
- 4 Handball (.7)
- 5 Basketball and Softball (.7)
- 6 Wrestling (.7)
- 7 Golf (.7)
- 8 Group Games and Contests (.7)
- 9 Advanced Apparatus and Stunts (.7)
- 10 Individual Athletics (.7)
- 11 Tennis (.7)
- 12 Touch Football and Volley Ball (.7)
- 13 Fencing (.7)
- 15 Apparatus and Tumbling (.7)
- 16 Soccer Football (.7)
- 17 Hockey and Volleyball (.7)
- 18 Archery and Badminton (.7)
- 25 Advanced Fencing (.7)
- 20 Rhythms, Calisthenics and Gymnastic Skills (4)
- 36 Football and Basketball Fundamentals (4)
- 50 Track and Field Athletics (4)
- 29 Theory and Practice of Organized Play (2)
- 70 Principles of Athletic Training and First Aid (1)
- 60a-b Tutorial Work in Physical Education (1,1)
- 128 Principles and Methods of Physical Education (3)
- 131 Advanced Basketball (2)
- 120 Physical Diagnosis and Medical Gymnastics (3)
- 142 Advanced Football (2)
- 148 Organization and Administration of Athletics (3)
- 124 History and Philosophy of Physical Education (2)
- 125 Administration and Organization of Municipal and Community Recreation (3)

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College of Arts and Sciences

Physical Education (For Men) (Continued)

- 150 Organization and Supervision of Intramural Athletics (2)
- 190 Technique in Officiating Athletic Contests (3)
- 200 Graduate Seminar in Physical Education (2)
- 201 Research in Physical Education (5)
- 202 Problems Course in Contemporary Movements in Physical Education (3)
- 203 Current Studies in the Administration of Physical Education (2)
- 204 Current Studies in the Administration of Athletics (2)

For Women

- 1a-b-c-d Restricted Physical Activity (.7 each)
- 2 Tap and Clog Dancing (.7)
- 5 Basketball and Softball (.7)
- 7 Golf (.7)
- 10 Individual Athletics (.7)
- 11 Tennis (.7)
- 13 Fencing (.7)
- 14 Elementary Plays and Games (2)
- 18 Archery and Badminton (.7)
- 19 Folk Dancing (.7)
- 22 Tumbling and Stunts (.7)
- 24 Rhythmical Activities (.7)
- 30 Advanced Tap and Clog Dancing (.7)
- 27 The Modern Dance (.7)
- 28 Horse back Riding (.7)
- 32 Advanced Equitation (.7)
- 55 Technique and Procedure of the Dance (2)
- 112 Programs and Materials of Physical Education for Girls and Women (3)
- 115 History and Survey of the Dance (3)

Physics

- 1a-b General Elementary Physics (5,5)
- 2a-b General College Physics (5,5)
- 3a-b General College Physics (4,4)
- 5 Measurements in Mechanics and Heat (3)
- 6 Measurements in Magnetism and Electricity (3)
- 10 Elementary Experimental Physics (5)
- 15a-b-c-d Tutorial Work in Physics (1 each)
- 51a-b Introduction to Physics (3,3)
- 102b Electricity and Magnetism (5)
- 104 Theoretical Mechanics (5)
- 105 Electric Waves and Their Application (4)
- 106 X-ray Phenomena (2)
- 107 Theoretical Mechanics (3)
- 108 Theory of Light (3)
- 110 Spectroscopy (4)
- 111 Electricity and Magnetism (3)
- 113 Fundamentals of Radio (3)

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Physics (Continued)

- 114a-b Radion Communication (3,3)
- 115 Theory of Measurements (3)
- 116a-b Physical Manipulation (1,1)
- 117 Theory of Heat (3)
- 119 Principles of X-Rays (3)
- 120 X-Ray Technique (2)
- 121a-b Seminar on Classical Physics (2,2)
- 122 X-Ray Analysis of Crystals (3)
- 123 Principles of Thermodynamics (3)
- 125a-b-c-d-e-f Independent Work in Physics (3 each)
- 131 Experimental Physics: Electircity (2)
- 137 Experimental Physics: Heat (2)
- 138 Experimental Physics: Light (2)
- 151 Introduction to Atomic Physics (3)
- 201 Physical Optics (3)
- 202 Measurements of Optics (2)
- 204 Dynamics of a Particle (3)
- 205 Kinetic Theory of Matter (3)
- 210a-b Electrodynamics (3,3)
- 212 Conduction of Electircity through Gases (3)
- 213 Electromagnetic Theory of Light (3)
- 214 Transient Electirc and Vacuum Tube Phenomena (3)
- 215 Quantum Theory (3)
- 217a-b Theoretical Physics (3,3)
- 218 Thermodynamics (3)
- 220a-b-c-d Seminar (1 each)
- 224 X-Rays and Their Application to Physical Problems (3)
- 225 Thesis (3)
- 226a-b Research in Physics (3,3)
- 227a-b Research in Physics (5,5)
- 250a-b Relativity (3,3)

Political Science

- 15 Problems of Citi_zenship (3)
- 51 American Government (3)
- 52 Municipal Government (3)
- 80 State Government (3)
- 101 Latin American Relations (3)
- 150 International Law (3)
- 155a Comparative Government--Parliamentary Democracies (3)
- 155b Comparative Government--Contemporary Dictatorships (3)
- 158 Regulation of Utilities (3)
- 159a-b American Constitutional Development (3,3)
- 160 American Foreign Relations (3)
- 165 World Politics (3)
- 168 Governments and Politics of Eastern Asia (3)
- 170 Political Parties (3)
- 171a Early Political Theory (3)
- 171b Modern Political Theory (3)
- 172 Kentucky Government and Constitution (3)

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Political Science (Continued)

- 173 Public Opinion (3)
- 174 Public Welfare Administration (3)
- 176 Legislation (3)
- 177a-b Principles of Public Administration (3,3)
- 178a-b-c-d Independent Work (1 each)
- 180a-b-c-d Independent Work (3 each)
- 190a-b Seminar in Political Science (1,1)
- 201a-b Seminar (2,2)
- 202 National and Regional Planning (3)
- 204 International Organization and the League of Nations (3)
- 205 Freedom of the Seas (3)
- 206 Special Problems in Public Administration (3)
- 207 Imperialism and Nationalism (3)
- 210 Supreme Court and Politics (3)
- 211 The Constitution and Civil Rights (3)
- 213 Federal Centralization (3)
- 215 Administration of Justice (3)

Psychology

- 1 Elementary Psychology (3)
- 2a-b General Psychology (3,3)
- 3 Individual Development (3)
- 5 Psychology of Advertising and Selling (3)
- 7 Psychology of the Child (3)
- 10 Introduction to Psychology (3)
- 11 Fields of Psychology (3)
- 12 Introduction to Guidance (3)
- 104 Social Psychology (3)
- 107 Psychological Interpretation of the Unusual (3)
- 111 Mental Measurements (3)
- 110 Experimental Psychology (3)
- 112 Personnel Administration (3)
- 113 Psychology of Learning (3)
- 114 Abnormal Psychology (3)
- 115 Genetic Psychology (3)
- 116 Comparative Psychology (3)
- 120a-b-c-d Independent Work in Psychology (2 each)
- 121 Student Personnel (3)
- 124 Mental Hygiene (3)
- 201a-b-c- (etc.) Seminar in Psychology (1 each)
- 203a-b-c- (etc.) Problems in Psychology (2 each)
- 210a-b-c- (etc.) Research in Psychology (3 each)
- 211 Mental Work and Fatigue (3)
- 212 The Emotions (3)
- 213 The Observation Process (3)
- 215 Psychometrics (3)
- 217 Psychology of Language (3)
- 218 Systematic Psychology (3)
- 219 Clinical Psychology (3)

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Romance Languages and Literatures

- 1a-b Elementary French (3,3)
- 2a-b Intermediate French (3,3)
- 3a-b French Conversation and Composition (2,2)
- 6a-b French Novel and Drama (3,3)
- 8a-b French Phonetics (3,3)
- 16a-b Civilization of France, Spain, Spanish America and Italy (1,1)
- 80a-b Tutorial Seminar (1,1)
- 109a-b French Literature of the XIX Century (3,3)
- 110a-b French Literature of the XVII Century (3,3)
- 113a-b Advanced Grammar, Syntax, Composition (3,3)
- 114a-b-c-d-e-f Independent Work (3 each)
- 115a-b French Literature of the XVIII Century (3,3)
- 116a-b French Literature of the XX Century (3,3)
- 201a-b Literature of the French Renaissance (3,3)
- 202a-b Old French (3,3)
- 203a-b Advanced Phonetics (3,3)
- 5a-b Elementary Spanish (3,3)
- 7a-b Intermediate Spanish (3,3)
- 9a-b Spanish Novel and Drama (3,3)
- 10a-b Spanish Conversation and Composition (2,2)
- 104a-b Spanish Literature of the XVII Century (3,3)
- 106a-b Spanish Literature of the XX Century (2,2)
- 112a-b Spanish Literature of the XIX Century (3,3)
- 4a-b Elementary Italian (3,3)
- 15a-b Intermediate Italian (3,3)

Social Work

- 19 Social Work Information (3)
- 122 Field of Social Work (3)
- 124 Case Aide Training (2)
- 125 Field Work Training for Case Aides (3)
- 126a-b Independent Work (2,2)
- 127a-b Tutorial Conferences and Discussions (1,1)
- 213 Introduction to Social Case Work (3)
- 217 Advanced Social Case Work (3)
- 220a-b Supervised Field Work (3,3)
- 227 Problems of Rural Social Work (3)

Sociology

- 1 Principles of Sociology (3)
- 2 Modern Social Problems (3)
- 6 American Immigrants and Races (3)
- 18 Social Origins (3)
- 20a-b Tutorial Work for Sociology Majors (1,1)
- 25 Collective Behavior (3)
- 101 Social Dependence (3)
- 102 Social Pathology (3)

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College of Arts and Sciences

Sociology (Continued)

- 103 Criminology (3)
- 107 Community Welfare Work (3)
- 109 The Family (3)
- 110 Child Welfare (3)
- 112 Community Organization (3)
- 114a-b Independent Work in Sociology (1,1)
- 116 Rural Social Economy (3)
- 118 Urban Social Economy (2)
- 121 Population Problems (3)
- 124 Methods of Social Investigation (3)
- 201a-b Sociology Seminar (2,2)
- 205 Social Systems (2)
- 223 Social Treatment of Delinquency (3)
- 226 Social Legislation (3)

Zoology

- 1a-b General Zoology (4,4)
- 3a-b General Entomology (3,3)
- 7a-b Comparative Anatomy (4,4)
- 9 Animal Ecology and Field Biology (3)
- 10 Outlines of Zoology (3)
- 11 Nature Study (3)
- 25 General Animal Biology (3)
- 101a-b Histology (3,3)
- 102 Ornithology (3)
- 105 Medical Entomology (3)
- 106 Embryology (4)
- 108a-b Principles of Zoology (2,2)
- 110a-b-c-d-e-f Independent Work (3 each)
- 112 Ichthyology (3)
- 114a-b-c-d Zoological Seminar (1 each)
- 157a Invertebrate Anatomy (4)
- 157b Vertebrate Anatomy (4)
- 160 Ontogeny (2)
- 201a-b Herpetology (3,3)
- 202a-b Systematic Entomology (4,4)

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College of Agriculture

Student Assemblies

- 1 Freshman Assembly (.3)
- 2 Sophomore Assembly (.3)
- 3 Junior Assembly (.3)
- 4 Senior Assembly (0)

Agricultural Entomology

- 10 Agricultural Entomology (3)
- 11 Agriculture (3)
- 102 Advanced Agricultural Entomology (3)
- 103 Economic Entomology: Fruit and Garden Insects (3)
- 104 Economic Entomology: Farm Crop Insects and Animal Parasites (3)
- 106a-b Systematic and Technical Agricultural Entomology (3,3)
- 201a-b Entomological Problems (3)

Agricultural Extension

- 1 Methods in Agricultural Extension (1)

Agronomy

- 4 Soils (3)
- 5 Soils Laboratory (2)
- 11 Elementary Farm Crops (3)
- 14 Market Grain Grading and Grain Judging (2)
- 23 Plant Pathology (4)
- 105 Advanced Crops (3)
- 106 Field Crop Improvement (2)
- 110 Soil Biology (3)
- 112a-b Special Problems in Soils (3,3)
- 113 Methods and Results in Agronomy Experimentation (3)
- 114a-b Specific Crops (2,2)
- 115 Soils Management (3)
- 116 Tobacco (2)
- 118 Kentucky Soils (3)
- 119 Origin, Nature and Classification of Soils (3)
- 202a-b Special Problems in Crop Production (2,2)
- 203a-b Literature of Plant Pathology (3,3)
- 204a-b Research in Soils (3,3)
- 207a-b Seminar (1,1)

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College of Agriculture

Animal Industry

- 4 Livestock Management (1)
- 13 Livestock Judging (2)
- 19 Genetics (3)
- 20 Principles of Animal Nutrition (3)
- 25 Judging Dairy Products (1)
- 26 Advanced Livestock Management (1)
- 27 Horse Production (3)
- 31 Market Classes and Breeds of Livestock (3)
- 32 Farm Poultry Production (3)
- 33 Farm Dairying (3)
- 34 Judging Dairy Cattle (2)
- 35 Hatchery Management (3)
- 102 Farm Butchering and Curing Meats (4)
- 104 Animal Breeding (3)
- 105 Beef Production (3)
- 106 Pork Production (3)
- 107 Sheep Production (3)
- 110 Advanced Livestock Judging (3)
- 111a-b Special Problems in Animal Husbandry (3,3)
- 119 Genetics (3)
- 121 Advanced Genetics (3)
- 125 Dairy Cattle Feeding and Management (3)
- 127 Poultry Breeding (3)
- 129 Dairy Bacteriology (4)
- 130 Butter and Ice Cream (3)
- 131 Market Milk and Cheese (3)
- 132a-b Special Problems in Dairying (3,3)
- 133a-b Special Problems in Poultry (3,3)
- 134 Advanced Poultry Production (3)
- 136 Technical Control of Dairy Products (3)
- 137 Dairy Cattle Breeding (3)
- 202a-b Research in Meats (3,3)
- 203a-b Research in Animal Genetics (3,3)
- 204a-b Research in Dairying (3,3)
- 205a-b Research in Horse Husbandry (3,3)
- 206a-b Research in Poultry Science (3,3)
- 207a-b Research in Sheep Husbandry (3,3)
- 209a-b Animal Husbandry Seminar (1,1)
- 210a-b Research in Beef Cattle Husbandry (3,3)
- 211a-b Research in Swine Husbandry (3,3)

Animal Pathology

- 116 Diseases of Domestic Animals (4)
- 126 Anatomy and Physiology of Domestic Animals (4)
- 201a-b Investigations in Animal Diseases (4,4)

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College of Agriculture

Farm Economics

- 4 Agricultural Economics (3)
- 10 Farm Accounting (3)
- 107a-b Special Problems in Farm Management (3,3)
- 108 Land Problems (2)
- 109 Advanced Farm Management (2)
- 117a-b-c Current Land Problems (1,1,1)
- 113 Farm Management (3)
- 120 Rural Community Problems (3)
- 121 Special Problems in Rural Life (3)
- 122a-b-c Rural Life (1,1,1)
- 201a-b Research in Farm Economics (3,3)
- 203a-b Agricultural Economics Seminar (1,1)
- 204a-b Economics of Production as Applied to Agriculture (3,3)

Farm Engineering

- 9 Farm Motors (3)
- 10 Mechanics of the Farmstead (3)
- 11 Engineering Practices in Soil Management (3)
- 12 Farm Structural Engineering (3)
- 13 General Farm Shop (3)
- 101a-b Special Problems (3,3)
- 102 Dairy Engineering (3)

Forestry

- 1 Outline of Forestry (3)
- 101 Farm Woodlots (3)

Horticulture

- 1 General Horticulture (3)
- 103 Pomology -- Pome Fruits (3)
- 104 Pomology -- Stone Fruits (3)
- 105 Pomology -- Small Fruits (2)
- 106 Greenhouse Construction and Management (2)
- 108 Vegetable Forcing (3)
- 110 Vegetable Gardening (3)
- 111 Market Gardening (3)
- 113 Landscape Gardening (3)
- 114 Advanced Landscape Gardening (3)
- 115a-b Special Problems in Horticulture (3,3)
- 117 Floriculture (3)
- 118 Advanced Floriculture (3)
- 119 Plant Propagation (3)
- 200a-b Seminar (1,1)

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College of Agriculture

Markets and Rural Finance

- 108 Marketing (3)
- 109 Cooperative Marketing (3)
- 110 Advanced Marketing (3)
- 111 Agricultural Prices (3)
- 112 Farm Finance (3)
- 113 Agricultural Statistics (3)
- 131 Advanced Agricultural Prices (2)
- 132a-b-c Current Problems in Agricultural Economics (1,1,1)
- 133 Agricultural Policy (3)
- 202a-b Special Problems in Marketing and Rural Finance (3,3)
- 203a-b Seminar (1,1)
- 204 Research in Marketing (2)

Home Economics

- 3 Food and Nutrition (4)
- 6a-b Foods (3,3)
- 16 Elementary Nutrition (3)
- 26 Textiles (2)
- 29 Costume Design (3)
- 33 Health of the Family (3)
- 34 Dietetics for Nurses (4)
- 35 Nutrition and Public Health (2)
- 41 Housing (3)
- 46 Clothing (3)
- 47 Advanced Clothing (3)
- 61 Extension Organization and Method (2)
- 81 Institution Marketing (3)
- 82 Institution Foods (4)
- 104 Problems in Textiles (4)
- 105a-b Seminar in Nutrition (1,1)
- 106a-b Seminar in Textiles and Clothing (1,1)
- 109 Nutrition (4)
- 112 Public School Nutrition (3)
- 115 Child Care and Development (3)
- 116 Advanced Costume Design (3)
- 117 Interior Decoration (3)
- 119a-b Experimental Cookery (3,3)
- 121a-b-c Special Problems (2,2,2)
- 124 Dietetics (4)
- 125 Consumer Problems (3)
- 126 Family Living (3)
- 127 Advanced Child Development (3)
- 128 Advanced Clothing Problems (3)
- 142a-b Home Management and Family Relationships (2,3)
- 178 Institution Organization and Administration (3)
- 179a-b Institution Management (3,3)
- 180 Institution Equipment (3)
- 201 Advanced Home Management and Family Relationships (3)
- 202a-b Graduate Seminar (2,2)

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College of Engineering

Applied Mechanics

- 1 Analytical Mechanics (4)
- 2 Mechanisms (2)
- 5 Slide Rule Practice (1)
- 100 Strength of Materials (4)
- 101 Analytical Mechanics (4)
- 102 Strength of Materials (3)
- 103 Advanced Applied Mechanics (3)

Engineering Administration

- 100a-b Engineering Valuations and Appraisals (3.3)
- 101 Law for Engineers (3)

Engineering Drawing

- 1 Elementary Engineering Drawing (2)
- 2a-b Mechanical Drawing (1.3,1.3)
- 3 Descriptive Geometry (3)
- 12 Graphical Computations (2.3)
- 16a-b Freehand Lettering (1.3,1.3)
- 17a-b Mechanical Drawing (2,2)
- 18 Engineering Drawing (2)
- 19 Mechanical Drawing (1)
- 115 Photography (3)

Student Assemblies

- 1 Introduction to Engineering (.3)
- 2 Engineering Problems (.7)
- 3a-b Class Society (0,0)
- 4a-b Class Society (0,0)
- 5a-b Class Society (0,0)
- Study Hall (0,0)

Architectural Engineering

- 1 Architectural Rendering (2)
- 3 Sanitation, Acoustics, Fire Prevention (3)
- 4a Architectural Design (2.7)
- 4b Architectural Design (2.7)
- 5 Building Equipment (2)
- 6 Independent Problems (5)
- 7 Building Construction (1)

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College of Engineering

Civil Engineering

- 5 Masonry Construction (2)
- 12 Plane Surveying (2.7)
- 13 Advanced Surveying (3)
- 15 General Surveying (3)
- 16a Route Surveying (2)
- 16b Route Surveying (3)
- 17 Hydrographic Surveying (1)
- 18 Mapping and Topographic Drawing (2)
- 20 Hydraulics (1)
- 23 Seminar (1)
- 31 Highway Location Construction and Maintenance (2)
- 32 Streets and Pavements (2)
- 35 Highway Materials (1)
- 36 Bituminous Materials (1)
- 49 Railway Construction and Maintenance (3)
- 72 Graphic Statics (1.3)
- 81 Testing Materials (1)
- 102 Reinforced Concrete (3)
- 104 Reinforced Concrete Design (.7)
- 105 Masonry Structures (3.7)
- 106 Foundations and Tunneling (2)
- 107 Soil Mechanics (2)
- 111 Contracts and Specifications (1)
- 113 Geodesy, Precise Surveying and Leveling (3)
- 120 Hydraulics (2)
- 122 Water Power Engineering (2)
- 123 Hydraulics Laboratory (1.5)
- 170 Elements of Structural Design (3)
- 171a-b Theory of Structures (3,2)
- 173a-b Steel Structures (3,1.3)
- 181a-b Independent Problems (1,3)
- 202a-b Construction (6,6)
- 232a-b Highway Engineering (6,6)
- 242a-b Railroad Engineering (6,6)
- 262a-b Geodetic Surveying (6,6)
- 272a-b Structural Engineering (6,6)

Sanitary Engineering

- 24 Sanitary Engineering for Sanitary Inspectors (5)
- 151 Water Supply and Waterworks (2)
- 153 Design of Waterworks and Sewers (1.3)
- 152 Sewers and Sewage Disposal (2)
- 156 Water and Sewer Plant Operation (1)
- 157 Sanitary Engineering for Health Officers (2)
- 158 Sanitary Engineering Design (2.7)
- 182 Sanitation (3)
- 183 Stream Pollution (3)
- 252a-b Sanitary Engineering (6,6)

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College of Engineering

Electrical Engineering

- 11 Electrical Laboratory (1)
- 21 Principles of Electrical Engineering (4)
- 101 Elements of Electrical Engineering Machinery (3)
- 102 Electrical Engineering Machinery (2)
- 105 D. C. Circuits and Machinery (4)
- 106 Alternating Currents (4)
- 107 Electrical Control (3)
- 108 Engineering Electronics (3)
- 109 Electrical Power Equipment (4)
- 110 Electrical Laboratory (2)
- 111a-b Advanced Electrical Laboratory (2,1)
- 115 Direct Current Machinery (4)
- 116 Alternating Current Circuits and Machinery (4)
- 117 Alternating Current Machinery (4)
- 123 Electrical Equipment Problems (1,3)
- 124 Electrical Design (3)
- 131 Communication Engineering (4)
- 136 Illumination Engineering (4)
- 137 Electric Power Transmission and Distribution (3)
- 141 Analytical Electrical Engineering (3)
- 151a-b Seminar (0.5,0.5)
- 152a-b Independent Problems (2,3)
- 152c Independent Problems (4)
- 205 Advanced Induction Motor Theory (4)
- 206 Electric Power Transmission (4)
- 207 Electric Power Distribution (4)
- 208 Electric Traction (4)
- 209 Telephone Engineering (3)
- 210 Symmetrical Components (4)

Mechanical Engineering

- 15 Engineering Laboratory (Machine Shop) (6)
- 15a-b Engineering Laboratory (Mach. Shop) (3,3)
- 100a-b Machine Design (2,3,3,3)
- 101 Mechanical Engineering Design (3)
- 103 Elements of Heat -Power Engineering (2)
- 104 Engineering Thermodynamics (4)
- 105 Steam Power Plant Equipment (2)
- 106a-b Heating, Ventilating and Air Conditioning (3,2)
- 107 Flow of Gases (1)
- 108 Internal Combustion Engines (3)
- 109 Refrigeration (3)
- 110 Heating and Ventilating Design (1,3)
- 111 Engineering Reports (2)
- 112 Mechanical Laboratory (2)
- 113 Mechanical Laboratory (2)
- 116 Elementary Heating, Ventilating and Air Conditioning (3)
- 120 Independent Problems (5)
- 121 Machine Design (2)
- 122a-b Mechanical Engineering Seminar (1,1)

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College of Engineering

Mechanical Engineering (Continued)

- 201a-b Automotive Engineering (6,6)
- 202a-b Power Plant Engineering (6,6)
- 203a-b Heating, Ventilating and Air Conditioning (6,6)
- 204a-b Advanced Machine Design (6,6)

Metallurgical Engineering

- 26 Engineering Metallurgy (2)
- 27 General Metallurgy (2)
- 29 Metallurgy of the Ferrous Metals (3)
- 36 Physical Metallurgy and Heat Treatment of Metals and Alloys (3)
- 60a-b-c Metallurgical Laboratory and Shop Practice (2,2,2)
- 120 Assaying (2)
- 121 Fuel and Metallurgical Laboratory (2)
- 128 Metallurgy of Non-Ferrous Metals (3)
- 132 Metallurgical Calculations (5)
- 140 The Science of Metals (3)
- 142 Heat Treatment (3,3)
- 143 Physics of Metals (3)
- 150 Industrial Mineral Preparation and Uses (3)
- 164 Elements of Low Temperature Carbonization (3)
- 166a-b Extractive Metallurgy (3,3)
- 167 Extractive Metallurgy Plant Practice (3)
- 175a-b Seminar (2,2)
- 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)
- 211 Elements of Oil Shale Engineering (2)
- 212 Oil Shale Technology (6)
- 213 X-Ray Metallography (4)
- 230a-b-c-d Research in X-Ray Metallography (6 each)

Mining Engineering

- 126a-b Development of Mines (4,2)
- 127a-b Mining Underground (3,2)
- 128 Mining at the Surface (3)
- 129a-b Mine Ventilation and Drainage (3,2)
- 130a-b Mine Administration (2,2)
- 160 Mine Surveying and Field Practice in Mining Engineering (3)
- 175a-b Seminar (2,2)
- 203 Mine Organization (3)
- 206 Explosive Engineering (2)
- 207 Advanced Prospecting (2)
- 208 Coal Dust Investigation (4)
- 209 Advanced Mine Engineering (7)

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College of Engineering

Petroleum Production Engineering

- 101a-b Petroleum Laboratory (4.7.4.7)
- 102a-b Oil Property Development (2,2)
- 103 Production of Gas and Oil by Drilled Wells (3)
- 104 Field Storage, Preliminary Refining and Transportation of Petroleum (3)
- 105 Deep Bore Hole Surveys and Problems (2)
- 106 Oil Field Hydrology (3)
- 120 Seminar (2)

College of Law

- 101 a-b Contracts I & II (3,3)
- 102a-b Torts I & II (3,3)
- 104a Property - Personal Property (2)
- 104b Property - Real Property (2)
- 105 Agency (2)
- 106a-b Pleading I & II (2,2)
- 107a-b Criminal Law I & II (2,2)
- 120a-b Trial Procedure I & II (2,2)
- 121a-b Equity I & II (3,3)
- 122 Property III--Titles and Conveyances (3)
- 123 Negotiable Instruments (3)
- 124a-b Evidences (& II (2,2)
- 125 Practice Court (2)
- 141 Partnership (3)
- 142 Industrial Relations (2)
- 144 Legal Bibliography (0)
- 145 Insurance (2)
- 147 Quasi-Contracts (2)
- 148 Domestic Relations (2)
- 149 Municipal Corporation (2)
- 150 Public Utilities (3)
- 152 Oil and Gas (2)
- 153 Taxation (3)
- 154 Damages (2)
- 160a Private Corporations I (2)
- 160b Private Corporations II (3)
- 161a-b Constitutional Law I & II (2,2)
- 162 Property IV - Future Interests (3)
- 163 Wills and the Administration of Estates (3)
- 164 Conflict of Laws (3)
- 165 Trusts (4)
- 166 Sales (3)
- 167 Administrative Law (3)
- 168 Administration of the Criminal Law (2)
- 169 Law of the Air (2)
- 170 Legal Ethics (2)
- 172 Problems of Research (2)

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College of Law

- 173 Federal Jurisdiction and Procedure (2)
- 174 Credit Transactions (3)
- 175 Office Practice (2)
- 176 Trade Regulation (3)
- 177 Statutory Interpretation (2)
- 178 Creditors' Rights (3)
- 179 Legislation (3)

College of Education

- 16 Educational Psychology (3)
- 20 Industrial Arts for Elementary Grades (2)
- 35 Introduction to Education (3)
- 42 Arithmetic in Elementary Grades (3)
- 44 Fundamentals of Elementary Education (5)
- 70 Industrial Education (3)
- 71a-b Trade Analysis and Course Planning (2,2)
- 73 Teaching Related Subjects (3)
- 75 Reorganization of Industrial Arts (2)
- 77 Shop Management Problems (2)
- 78 The Conference Method of Instruction in Industrial Education (2)
- 79 Determining Related Subjects Content (2)
- 80 Principles of Industrial Education (2)
- 81 Analysis of Learning Difficulties in Industrial Education (2)
- 101 School Organization (3)
- 104 Foundations of Business Education in the High School (3)
- 105 Fundamentals of Secondary Education (3)
- 107 Safety Education (3)
- 108 Coordination Techniques in Industrial Education (2)
- 109 Principles of Secondary Education (3)
- 110 Advanced Industrial Arts (2)
- 111 Remedial Reading in the Secondary School (2)
- 112 Determining Teaching Content in Distributive Occupations (3)
- 114 Educational Sociology (3)
- 116 Problems of the Coordinator in Distributive Occupations (3)
- 117a-b History of Education (3,3)
- 118 Educational Tests and Measurements for Elementary Teachers (2)
- 119 Foundations of Elementary Education (3)
- 121 History of Education in the United States (3)
- 122 Educational Tests and Measurements for High School Teachers (3)
- 123 Vocational Guidance (3)
- 127 The Elementary Curriculum (3)
- 128 Technique of Teaching Distributive Occupations (3)
- 133 Directed Teaching in the Elementary School (10)
- 141 Problems in Diagnostic and Remedial Reading (3)
- 142 Directed Teaching in Art (6)
- 143 Modern Industrial Analysis (2)
- 147 Foundations of Secondary Education (3)
- 148 Advisers of Girls and Deans of Women (3)
- 153 Directed Teaching in English (6)

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- 154 Directed Teaching in Languages (6)
- 155 Directed Teaching in the Sciences (6)
- 156 Directed Teaching in Mathematics (6)
- 157 Directed Teaching in Social Studies (6)
- 158a Methods of Teaching Secretarial Subjects (2)
- 158b Methods and Materials in Teaching Accounting (2)
- 160 Technique of Teaching Home Economics (3)
- 162 Directed Teaching in Home Economics (6)
- 164 Methods of Teaching Child Care (3)
- 165a-b Problems in Vocational Education (3,3)
- 169a-b Directed Teaching in Physical Education (3,3)
- 170 Part-time General Continuation Teacher Training (3)
- 171 Vocational Education (2)
- 172 Teaching Reading in the Elementary School (3)
- 173 Teaching Literature to Children (3)
- 174 Pre-school Theory and Management (4)
- 175a-b-c-d-e-f Modern Educational Problems (3,3,3,3,3,3)
- 175g Modern Educational Problems: Education of Handicapped Children (3)
- 175h Modern Educational Problems: Problems in Educational Radio Broadcasting (3)
- 176 Pre-School Organization and Teaching (4)
- 177a-b Directed Teaching in Music (3,3)
- 178 Methods of Teaching Home Management and Family Relations in Junior and Senior High School (3)
- 179 Determining Content in Vocational Agriculture (3)
- 181 Teaching Vocational Agriculture (7)
- 182 Evening School and Part-time Courses in Agriculture (2)
- 183 Methods in Industrial Education (3)
- 184 Teaching Office Appliances (1)
- 185 Apprentice Teaching (2)
- 186 Visual Teaching (3)
- 188 FarmPractice Supervision (1)
- 192 Methods and Materials in General Business (3)
- 193 Directed Teaching in Commercial Subjects (6)
- 194 The Education of the Individual (2)
- 196 Science in the Elementary School (3)
- 198 The Administration of Pupil Personnel (3)
- 200 Advanced Course in Philosophy of Education (3)
- 202 Local School Administration (3)
- 203 Constitutional and Legal Basis of Public School Administration (3)
- 205 Review of Current Educational Literature (3)
- 206 Problems of College Teaching (3)
- 207 School Building and Equipment (3)
- 208a-b Problems in Business Education (3,3)
- 210 Special Problems in School Administration (3)
- 211 The Administration of Vocational Education (3)
- 212 The Elementary School (3)
- 213 State School Administration (3)
- 214 The Secondary School (3)
- 216 Seminar in Tests and Measurements (3)
- 218 Problems in Pre-school and Nursery School Education (2)
- 219 Great Educators and Their Work (3)
- 220 Comparative Education (3)

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- 221a-b Seminar in Administration (3)
- 222 Methodology of Educational Research (3)
- 223 Educational Statistics (3)
- 224a-b-c Organization and Supervision of Student Teaching (3,3,3)
- 225 Supervision of Instruction (3)
- 227a Principles of Curriculum Construction (3)
- 227b Techniques in Curriculum Construction (3)
- 228a-b-c-d Seminar in Education (1,1,1,1)
- 229 The Elementary Principal (3)
- 230 Problems of Educational Sociology (3)
- 231 Financing Public Education (3)
- 232 High School Administration (3)
- 233 The Administration of the Teaching Personnel (3)
- 234 Problems in Curriculum Making (3)
- 235 History of Education in Kentucky (3)
- 236 Business Administration of Public Education (3)
- 237a-b Research in History of Education (3,3)
- 238 Trends in Higher Education (3)
- 239 The Administration of Public Schools in Relation to Other Agencies (3)
- 240 Character Education (3)
- 241 Problems in Teaching the Social Studies (3)
- 242 Problems in Teaching English (3)
- 243 Problems in Teaching Mathematics (3)
- 244 Problems in Teaching of Physics (3)
- 245 Organization of Audio-Visual Aids (3)
- 246 Motion Pictures in Education (3)
- 249 Extra Curricular Activities (3)
- 251 Problems in Public School and Community Music (3)
- 252 Field Problems in Music (1)
- 253 Independent Work in Music Education (3)
- 254 Problems in Educational Psychology (3)
- 256 Methods and Materials in the Social Business Subjects (3)
- 257a-b Seminar in Business Education (1,1)
- 259 The Commerce Curriculum (3)
- 260 Teaching Consumer Courses in the High School (2)
- 261 Home Economics Supervision (3)
- 263 Current Problems in Home Economics (3)
- 264 Modern Tendencies in Home Economics Education (3)
- 266a-b Seminar in Home Economics (3,3)
- 267 Directed Supervision in Home Economics Education (3)
- 268 Home Economics Curriculum Construction (3)
- 269 Achievement Testing in Home Economics (3)
- 276 Administrative Problems in Today's Education (3)
- 280 Methods of Teaching Vocational Agriculture (3)
- 281 Teaching Prevocational Agriculture (3)
- 282 Special Problems in Vocational Education (3)
- 287a Advanced Problems in Agricultural Education (3)
- 287b Selecting Teaching Materials (3)
- 287c Evening Schools (3)
- 287d Directing Farm Practice (3)
- 287e Teaching Farm Shop (3)
- 287f Part-time Schools (3)
- 289a-b Research in Agricultural Education (3,3)
- 290a-b Technique and Professional Work of the Registrar (2,2)
- 291a-b-c Problems in the Registrar's Field of Administration (2,2,2)

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- 301a-b Research Problems in Educational Administration (3,3)
- 302a-b Special Problems in Educational Finance (3,3)
- 307a-b Research Problems in Secondary Education (3,3)
- 308a-b Research Problems in Elementary Education (3,3)
- 309a-b Special Problems in Rural School Administration (3,3)
- 321a-b Research Problems in Higher Education (3,3)

College of Commerce

- 1 Principles of Economics (3)
- 2 Economic History of Europe (3)
- 3 Economic History of the United States (3)
- 6 Secretarial Accounting (3)
- 72-b Principles of Accounting (4,4)
- 8 Economic Geography (3)
- 9 Forms of Business Organization (3)
- 10 Principles of Marketing (3)
- 11 Salesmanship (2)
- 12 Economic Geography of North America (3)
- 13a-b Secretarial Practice (5,5)
- 14a-b Advanced Secretarial Practice (3,3)
- 15 Applied Economics (3)
- 16a-b Tutorial Work in Economics (1,1)
- 102 Labor Problems (3)
- 103 Transportation (3)
- 104 Public Finance (3)
- 105 Money and Banking (3)
- 106a-b Advanced Accounting (3)
- 107 Statistical Methods (3)
- 109a-b Business Law (3,3)
- 110 Business Cycles (3)
- 112a-b Individual Work in Economics (2)
- 113 Auditing (3)
- 115 Value and Distribution Theory (3)
- 117 Corporation Finance (3)
- 118 Cost Accounting (3)
- 119 Retail Merchandising (2)
- 124 State and Local Taxation (3)
- 125 Advanced Economic History of Europe (3)
- 126 Economics of Public Utilities (3)
- 127 International Economic Policies (3)
- 129 Credit and Statement Analysis (2)
- 130 Labor Legislation (3)
- 131 Investments (3)
- 132a-b C. P. A. Problems (3,3)
- 133 Income Tax Procedure (3)
- 134 Advanced Economic History of the United States (3)
- 135 Advanced Marketing (3)
- 136 Sales Management (3)
- 137 Problems in Management (3)

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College of Commerce

- 138 Investigation of Business Problems (3)
- 140 Advertising Campaigns (3)
- 141 Managerial Statistics (3)
- 142 Index Numbers (2)
- 143 Life Insurance (3)
- 144 Property and Casualty Insurance (3)
- 145 Problems in Office Management (3)
- 147 American Business Leaders (2)
- 148 European Business Leaders (1)
- 149 Market Analysis (3)
- 202a-k Seminar (1-3 each)
- 203 History of Economic Thought (3)
- 204 Economic History of the United States Prior to 1860 (2)
- 205 Economic History of the United States Since 1860 (2)
- 206 Municipal Finance (3)
- 207 Literature of Public Finance (3)
- 208 Advanced Economic Theory (3)
- 209 Comparative Banking and Monetary Systems (3)
- 210 Research Statistic (3)
- 211 Advanced Money and Banking (3)
- 215 Survey of Economic Theory since the Austrian School (3)

The above list includes all amendments presented by the Curriculum Committee at this meeting of the Senate and also amendments made from the floor. The second part of the report of the Curriculum Committee reads as follows:

The Curriculum Committee recommends the approval of the following courses:

Home Economics 122a-b - Field Work in Nutrition (2,2)

Home Economics 222a-b - Advanced Field Work in Nutrition (2,2)

The Committee also recommends that the description of H.E. 35, Nutrition and Public Health (3) be amended so that it includes the statement "this course does not count toward the B.S. degree in Home Economics."

The above recommendations of the Curriculum Committee were approved by the Senate.

The Senate voted that all course changes now before the Curriculum Committee might be approved by joint action of this Committee and the department heads and deans concerned, without further action on the part of the Senate. This action was taken in order to permit certain course changes to be included in bulletins now being prepared for next year.

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Professor Kuiper announced that the membership of the new Curriculum Committee was as follows: College of Arts and Sciences, Social Sciences, Professor Vandenbosch; Physical Sciences, Professor Koppius; Biological Sciences, Professor Weaver; Foreign Languages, Professor Ryland; Literature, Philosophy and the Arts, Professor Kuiper, Chairman; College of Agriculture, Professor H. B. Price; College of Engineering, Professor Freeman; College of Law, Professor Pittman; College of Education, Professor Ligon; College of Commerce, Professor Haun.

In accordance with the Committee report adopted by the Senate at the meeting of February 13, 1939, President McVey made the following statement concerning the Engineering Courses to be offered in summer camps and laboratories:

"In regard to these courses, the students will be registered in the usual way in the office of the Registrar, in accordance with the regulations governing registration in the summer session. The amount of the fee to be charged for these courses is to be determined by the Board of Trustees."

Leon M. Pamberlain
Secretary

MINUTES OF THE UNIVERSITY SENATE
May 9, 1939

The University Senate met in the Assembly Room of the Law College Tuesday, May 9, 1939. President McVey presided.

The minutes of April 10 were read and approved.

The following resolutions were read to the Senate by Professor Latimer:

"On April 14, 1939, the University of Kentucky suffered a serious loss in the death of Professor Joseph Morton Davis. Professor Davis was a member of the faculty for almost forty-eight years. There are now only two members of the University who were here when he came. Since the summer of 1935, he had been engaged in special duties, having reached the age of seventy at that time.

Professor Davis had the finest characteristics of the school of men trained in the old Latin-Greek-and-Mathematics tradition. Honest, conscientious and thorough himself, he expected the same qualities in his students. Combined with his high standards of scholarship and conduct, was a keen interest in new places and new ideas. After he reached the age of seventy, he travelled extensively and was actively engaged in work connected with the new plan of comprehensive examinations in the mathematics department.