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University of Montana Faculty Senate

7-19-1946

Minutes from the July 19, 1946 meeting of the University of Montana faculty

Montana State University (Missoula, Mont.). Faculty

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July 19, 1946

1. A meeting of the faculty was held at 4:10 p.m. on the call of President James A. McCain, who presided.

Present: Alsnorn, Ames, Armsby, Arnold, Atkinson, Badgley, Beaver, Edna K. Bennett, E. E. Bennett, Castle, Clapp, W. P. Clark, Cagswell, Coleman, Crow, Crowder, Dahlberg, Davis, Diertert, Dugan, Emblen, Ford, Gleason, Hathaway, Donald M. Hetler, Hoffman, Joseph W. Howard, Jeppesen, Jesse, Lory, McCain, Marble, McGinnis, Marvin, Maucker, Merriam, Miller, Moore, Noble, Paton, Peterson, Phillips, Rineheart, Sappenfield, Severy, Shallenberger, Leo Smith, Theodore Smith, Sherman, J. B. Speer, Tascher, Thomas, Turney-High, Waldon, White, Wilson, Wolfard, Wright, Wren.

Accounted for: Arnoldson, Bateman, Bell, Berg, Brownell, Browman, Campbell, Fay Clark, Ely, Fessenden, Flint, Fritz, Freeman, Garlington, Gates, Gillespie, Gulbrandson, Hovee, Joseph K. Howard, Hubbell, Jacobs, Leaphart, Lowell, Merrill, Mirrielees, Mollett, Nelson, Nutterville, Pope, Ramskill, Russell Smith, Florence Smith, Sorenson, Lucille Speer, Van Vorous, Waters, Weisberg, Worden.

2. The minutes of the meeting of June 6 were approved.
3. President McCain announced an invitation from the Spokane Air Service Command for members of the faculty or student body to visit the airport at Spokane.
4. Professor J. E. Miller introduced Professor Paul C. Phillips who has returned to the campus.
5. President McCain read the following excerpt from the minutes of the Local Board of Education.

"Excerpt from Local Board minutes re out-of-residence leave, March 14, 1946:

'13. The President reported the results of efforts he had made to clarify the matter of when faculty members of the University began accumulating quarters toward the eighth quarter out-of-residence provided for under the twelve-months contract. He talked with former President Melby and with Dr. Renne, President of Montana State College, over long distance telephone. Both of these men expressed the opinion that the fall quarter of 1943 and subsequent quarters counted toward the eighth quarter out-of-residence. This interpretation was consistent with some of the leaves granted by President Melby to staff members. On motion of Jacobs, seconded by Stepanzoff, the board voted unanimously that this interpretation be recommended to the State Board of Education".

6. The Committee on Admission and Graduation, Dr. Ames, Chairman, reported that in addition to the candidates for degrees and certificates approved by the faculty on June 6, 1946 (List N. 28) the following candidates (not on list No. 28) were also certified by the Registrar as having complied with all requirements for their respective degrees. These candidates were recommended to the faculty as a seconded motion and were unanimously approved.
 - I. For the degree of Bachelor of Arts in Business Administration:

Frank A. Denny	56 credits in Major	188 total credits
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 - II. For the degree of Bachelor of Science in Forestry (granted posthumously -- as per faculty action May 31, 1946):

Frederick Charles Beyer	82 credits in Major	196 total credits
Glenn Van Bramer	81 credits in Major	184 total credits
7. Dr. R. H. Jesse, chairman of the Curriculum Committee presented a summary of changes recommended by the various divisions, departments and schools for the catalog for 1945-46 with announcements for 1946-47 which had been approved by the Curriculum Committee.

Supplementing this report and also recommended by the Curriculum Committee as a seconded motion is an agreement between Dean James L. C. Ford of the School of Journalism and Dean Theodore Smith of the School of Business Administration, acknowledging the joint interest of their respective schools in the field of advertising and agreeing that both schools should offer work in advertising, avoiding duplication wherever possible, with reciprocal listings and recommendation of desirable courses to each others' majors.

For the coming year it was agreed that there will be a joint listing in both the School of Journalism and the School of Business Administration of the Course in Principles of Advertising, under Dean Smith and Professor Dugan, as a two-quarter course and as a general background course in advertising. This agreement is for one year and the ultimate disposition of the course is to be evaluated and decided by the staffs involved at the end of that time.

It was agreed that the school of Business should offer a course in Problems and Case Studies in Advertising and that the School of Journalism should offer the three courses contained in the summary of catalog changes (41, Advertising Practice; 43, Advertising Layout and Copy; 44, Retail Store Advertising). Any subsequent courses to be added to either school's curriculum in advertising should be reviewed by both schools before being submitted to the Curriculum Committee. Junior level prerequisites are to be maintained on all advertising courses, with each school setting other prerequisites that may seem desirable for their own students.

The faculty unanimously approved the foregoing recommendations, including the following summary.

CATALOG FOR 1945-46 WITH ANNOUNCEMENTS FOR 1946-47

Summary of Proposed Changes by Divisions, Departments and Schools.

GRADUATE SCHOOL

88-90 A complete revision of the catalog material relating to the Graduate School embodying much additional information has been recommended by the Committee on Graduate Study. Significant changes are indicated below:

Insert the following requirements and provisions: (Only changes over previous catalog material are listed.)

Credit Requirement for the Master of Arts and Master of Science Degrees. "Before receiving the Master of Arts or the Master of Science degree the candidate must present evidence of intensive study and investigation in his field of special interest. He must present at least 45 credits in graduate courses and a thesis."

The Graduate Record Examination. "The Graduate Record Examination, while not required for admission to the graduate school, has been authorized by the Faculty as a means of supplementing other evidence of proper qualification for graduate study. This examination will be given at the option of any department or school.

Admission. "Official evidence must be offered of the completion of the minimum requirements for an undergraduate major in the field selected for graduate study or an allied field acceptable to the major department and to the chairman of the Graduate Committee. This work must approximate the general requirements for the corresponding Bachelor's degree at Montana State University." (Underlining indicates addition recommended by the Curriculum Committee but not approved by the Committee on Graduate Study.)

In the School of Education, applicants may be admitted to major graduate study who have the Bachelor's degree and who have completed the certification requirements of the state in which they secured their undergraduate degree or of Montana.

At the discretion of a Department or School, qualifying examinations may be administered in order that there may be no question regarding a candidate's preparedness for graduate study. Such examinations may be oral or written or both.

Members of the faculty of Montana State University above the rank of instructor may not become candidates for advanced degrees from this University. This does not prevent such members from taking advanced courses for transfer to other institutions.

Admission to Candidacy for an Advanced Degree. If an applicant's record is satisfactory during his first quarter of attendance he may be admitted to candidacy for the Master's degree at the beginning of his second quarter. At this time, or at least two quarters prior to qualifying for the degree, he must file an application for Admission to Candidacy for the Master's degree, and submit a tentative thesis title. These forms must be filed in triplicate. (Master of Education degree candidates do not file thesis title since no thesis is required.)

Graduate Credit Courses.

An undergraduate of senior standing who needs less than 9 quarter credits to complete the requirements for the baccalaureate degree may enroll in courses for graduate credit. All requests for such enrollment must be submitted to and be approved by the major professor and the Chairman of the Graduate Committee in advance of registration.

Study Load.

Fifteen hours of graduate credit per quarter is considered a maximum graduate study load.

Graduate students employed as teaching assistants, or in other part time employment must carry a reduced number of credits. Such students, of course, cannot fulfill all the requirements for the Master's degree in three quarters.

Transfer of Graduate Credit.

Graduate credit for courses completed in other institutions of approved standing may be transferred in a total amount not to exceed 12 quarter credits. Transfer of such credit does not shorten the period of residence requirement.

Master of Education Degree.

Candidates for the Master of Education degree must have completed a minimum of 3 years' satisfactory teaching (one of which may have been military teaching experience) and offer 45 credits in graduate courses, at least ten hours of which must have been earned following completion of the teaching experience. No thesis is required. Work for this degree may be completed in the minimum required residence of 3 regular quarters or 3 summer sessions of 10 weeks each.

Candidates for the Master of Education degree must take, during the final month of the quarter in which they expect to secure their degree, oral and written examinations over the course work that they have completed. Arrangements for these examinations are made by the Dean of the School of Education.

Master of Forestry Degree.

Candidates for the Master of Forestry degree must offer 45 credits in graduate courses and a professional paper.

For the Master of Forestry degree, candidates must offer a minimum of 25 credits in the major field of forestry. The remainder of the credits may be in fields other than forestry.

For the degree of Master of Forestry a professional paper is required. This paper is to be prepared under the direction of the major professor. The subject matter must be approved by the Dean of the School of Forestry. After the Candidate's examination one copy of the professional paper must be submitted to the Secretary of the Graduate Committee. Such copy will be deposited in the University library.

Candidates for the Master of Forestry degree must take, during the final month of the quarter in which they expect to receive their degree, an examination, either oral or written, over the course work which they have completed and the subject matter of the professional paper. Arrangements for these examinations are made by the Dean of the School of Forestry.

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DIVISION OF BIOLOGICAL SCIENCES

p.46 Note under freshman curriculum. Delete Zoology 23 (second line).

p.49 13abc. Introduction to Biological Science. Eliminate prerequisite statement "Students may enter 13b without 13a, but 13b or Botany 11ab or Zoology 11ab, 23, or 24 shall be prerequisite to 13c." Change statement "students who have earned 7 or more college credits in laboratory botany or zoology or both may not be allowed credit for 13a or 13b or both", to read "students who have earned 7 or more college credits in laboratory botany may not receive credit for 13a; those who have earned 7 or more college credits in laboratory zoology may not receive credit for 13b."

New Course. 100 Conservation of Natural and Human Resources in Montana. 1Q. Spring. Summer. 3 cr. Prerequisite, junior standing and consent of instructor.

DIVISION OF HUMANITIES

p.47 Note under divisional freshman and sophomore curriculum changed as follows: (First two lines unchanged) Speech and Drama majors complete English 15 (1 or 2 cr.) 16 (1 or 2 cr.) and 20. In the Sophomore year English majors select two quarters of English 59abc, and either 30a or 30b; Speech majors take 21, 42, and 45a; Drama majors take 22abc.

DIVISION OF PHYSICAL SCIENCES

p.47 Add to Note under divisional freshman and sophomore curriculum as follows: Freshmen who plan to major in Physics and who enter with 2 units of high school mathematics should elect Mathematics 21 in the spring quarter. Sophomores who plan to major in Physics and who do not desire a teaching certificate should elect Mathematics 22, 23, and 107a instead of Modern Language. Those seeking a teaching certificate should elect Mathematics 22, 23 and Psychology 11 instead of Modern Language.

p.50 17abc. Introduction to Physical Sciences. Not given in 1946-47.

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BACTERIOLOGY

p.50 Major Requirements: New course 125 Hematology 5 cr. added to major requirements.

New Course. 125 Hematology, 1 Q. Autumn or winter. 5 cr. Prerequisite, junior standing and Bacteriology 119.

p.51 BOTANY

Changes in Major Requirements. Plant Ecology added. Botany 141, 142 & 143 eliminated.

New Courses.

10a. Forestry Botany. 1 Q. Autumn. Winter. 5 cr. No prerequisite.

10b. Forestry Botany. 1 Q. Spring. 5 cr. No prerequisite.

13. Pharmaceutical Botany. 1 Q. Winter. 5 cr. No prerequisite.

p.54 BUSINESS ADMINISTRATION

Changes in Major Requirements. Change item (2) to read "75 or more credits in courses in Business Administration and Economics. A maximum of twenty-five credits in courses in Economics may be included in this minimum requirement.

p.56 New Courses.

11ab. Elementary Accounting. 2 Q. Autumn, winter. Spring summer, 11a in Summer. 5 cr. each quarter. Prerequisite sophomore standing. (Replaces accounting 11, 12, and 13.)

14. Analysis of Financial Statements. 1 Q. Spring. 4 cr. Prerequisite, course 11b.

100. Secretarial Practice. 1 Q. Autumn. 4 cr. Prerequisite, junior standing and 23a or equivalent and 25ab. (Replaces Secretarial Practice 24)

146ab. Accounting Systems. 2 Q. Autumn, winter. 4 cr. each quarter. Prerequisite, Business Administration 113ab.

149. C.P.A. Problems and Review. 1 Q. Spring. 4 cr. Prerequisite, Business Administration 146.

200. Research in Business. 1 Q. Any quarter. 1 to 5 cr. Each quarter. May be repeated up to a maximum of 15 credits.

Changes: 10. Introduction to Business. Eliminate statement "Open to two-year secretarial students."

p. 57 114. Cost accounting. Prerequisite changed from 113ab to junior standing and Business Administration 11b.

129. Principles of Organization and Management. Prerequisite changed to include Economics 14.

131. Real Estate. Prerequisite changed to include junior standing.

132. Credits and Collections. Credit changed from 2 to 3. (Was included in Marketing this year, but is to be resumed as a separate course.)

151. Marketing. Prerequisite changed to include junior standing. Credit raised from 3 to 5.

152. Foreign Trade. Credit raised from 3 to 4.

156. Business Cycles. Credit raised from 3 to 4.

157. Salesmanship. Number changed from 52. Prerequisite changed to Marketing.

159. Retail Stores. Number changed from 50. Prerequisite changed to Marketing.

CHEMISTRY

P. 58' Changes in Major Requirements. Chemistry 11 or 13 changed to 11abc and 13c or 13abc; 2 credits of 111 changed to 4 credits of 111; Chemistry 102 added; Advanced Chemistry at least 5 credits from courses 103, 109, 110, 150, 160, 170 added.

New Courses; (Not given in 1946-47.)

150. Advanced Inorganic Chemistry. 1 Q. 5 cr. Prerequisite Chemistry 13, or 11 and 13c, Chemistry 101 and 102 Chem. 17.

160. Advanced Organic Chemistry. 1 Q. 5 cr. Prerequisite, Chemistry 101 and 102.

170. Advanced Physical Chemistry. 1 Q. 5 cr. Prerequisite, Chemistry 106.

CLASSICAL LANGUAGES

p.61 Drop course 20. Latin and Greek in Current Use.

ECONOMICS AND SOCIOLOGY

Major Requirements. Changed to requirements included in the following outline:

General Requirements:

Regular Sociol Science Division requirements for freshman and sophmores.

Econ. and Sociol courses 14, 15, 16 and 17 (21 cr.) (students concentrating in Econ may substitute either 18 or 19 for 17.) A total of 50 or more credits in Econ. & Sociol and additional courses listed under the following fields of concentration.

- A. Economics Concentration.
Econ. courses 101ab, 113ab, 104ab, 111 and 112 (30 cr.) (A maximum of 12 credits in advanced Business Adm. courses may be applied in addition.)
- B. Sociology Concentration.
Econ. & Sociol courses 113ab, 118, 133, one course in Ethnography plus additional credits in Sociology (38 cr.)
- C. Social Administration Concentration.
Econ. & Sociol courses 104ab, 114, 121, 122 plus additional credits in Social Administration.
- D. Anthropology Concentration.
Four courses in Ethnography and two courses in descriptive Archeology and all field courses as offered.

New Courses:

- p.62-64
18. Comparative Economic Systems. 1 Q. Spring. 4 cr. Prerequisite, course 14.
114. Industrial Relations. 1 Q. Spring. 3 cr. Prerequisite, junior standing and course 14, or consent of instructor for other than departmental majors.
121. Urban Sociology. 1 Q. Winter. 4 cr. Prerequisite, junior standing and course 16.
123. Regional Sociology. 1 Q. Winter. 4 cr. Prerequisite, junior standing and course 16.
124. Sociology of Professions. 1 Q. Spring. 3 cr. Prerequisite, junior standing and course 16.
127. Social Control. 1 Q. Autumn. 4 cr. Prerequisite, junior standing and course 16.
- 128 ab. Sociological Seminar. 2 Q. Winter, spring. 2 cr. each quarter. Students may enter either quarter. Prerequisite, senior standing and 10 credits in sociology.
131. Introduction to Social Administration. 1 Q. Autumn, 4 cr., Prerequisite, junior standing and either course 16 or 17.
132. Principles of Group Work. 1 Q. Spring. 4 cr. Prerequisite, junior standing and either course 16 or 17.
- 137ab. Social Agency Resources. 2 Q. Autumn, winter. 3 cr. each quarter. Students may enter any quarter. Prerequisite, junior standing and either course 16 or 17.
146. Ethnography: Africa. 1 Q. Autumn. 4 cr. Prerequisite, junior standing and course 15 or concurrent registration in course 15. (An off-shoot of old course 145.)
147. Ethnography: Asia. 1 Q. Spring. 4 cr. Prerequisite, course 15. (An off-shoot of old course 145.)
148. Ethnography: Oceania 1 Q. Spring. 4 cr. Prerequisite, junior standing and course 15. Not given in 1946-47. (An off-shoot of old course 145.)
181. Field Work: Northwest Ethnology. 1 Q. 1-5 cr. Any quarter in which field parties are organized. Prerequisite, junior standing and course 145. May be repeated to a maximum of 15 credits.
201. Graduate Research. Any quarter 1-5 cr. Prerequisite, graduate standing.

Course Changes:

- p. 62
- 101ab. Money and Banking. Change to two quarter course. 4 cr. each quarter.
107. Contemporary Economic Problems. Change name of course. Drop consent of instructor as part of prerequisite.
122. Crimnology. Prerequisite changed to junior standing and either course 16 or 17.
126. Principles of Sociology. Change name of course.
130. Principles of Social Case Work. Prerequisite changed to junior standing and either course 16 or 17.
133. Community Organization. Credit raised from 3 to 4. Prerequisite change to junior standing and either course 16 or 17.
135. Child Welfare. Prerequisite changed to junior standing and either course 16 or 17.
- S106 War Economics. Drop
120. Population. Increase credit from 3 to 4.
136. Public Welfare Administration. Prerequisite changed to senior standing and either course 16 or 17.
- p. 64
140. Descriptive Archeology: The Rise of Old World Civilization. Change name of course.
141. Descriptive Archeology: North America. Change name of course.
145. Ethnography: America Name of course changed. "Or concurrent registration in course 15" added to prerequisite. (New courses created for parts of old course--146, 147 and 148.)
180. Archeological Survey. Change credit to 1-5 cr. Change prerequisite to junior standing and course 141. Add "This course

may be repeated to a maximum of 15 credits."

EDUCATION

p. 65

Changes in Major Requirements. Add the following to the list of Education courses from which the total required for a major may be selected.

35a. Systems and Methods in Physical Education.

105a. Teaching of Composition.

105b. Teaching of Literature.

123abc. School Music

S132 Secondary School Administration.

142. Methods of Teaching Shorthand

143. Methods of Teaching Typewriting.

S145. Use of Audio-Visual Instructional Aids

New Courses

p. 67-70

S132. Secondary School Administration. 1 Q. Summer. 2½ cr. Prerequisite junior standing and teaching experience.

S145. Use of Audio-Visual Instructional Aids. 1 Q. Summer. 2½ cr. Prerequisite junior standing and teaching experience.

168. Techniques of Counseling in School Guidance Program. 1 Q. Winter, Summer. 4 cr. Prerequisite, Education 140 or equivalent and teaching experience.

S172. Problems in the Supervision and Teaching of Reading. 1 Q. Summer. 4 cr. Prerequisite Junior standing and teaching experience (Methods course.)

S173. Supervision and Teaching of Social Studies in Secondary Schools. 1 Q. Summer. 4 cr. Prerequisite junior standing and teaching experience, (Methods course.)

274. Laboratory Experience in Guidance. 1 Q. Spring, Summer. Credit variable. May be elected for two or more quarters for a total of not more than 10 credits. Prerequisite, Education 168 or concurrent registration, and consent of instructor.

Course Changes:

S85. Occupational Therapy and Weaving. Dropped.

S135. High School Supervision. Dropped.

150. Educational Administration. Change to 1 Q. Winter. 4 cr.

154. Seminar in Education. 1 Q. Winter. Spring. Summer. Credit variable. May be elected for two or more quarters for a total of not more than 10 credits. (Replaces 3 one quarter courses.)

* S159. Problems in the Jr. High School. Dropped

ENGLISH

Changes in Major Requirements:

Schedule A: Add Journalism 126 The High School Newspaper

Schedule D. Change English 57abc from two quarters to one quarter.

Change 6 credits in 72abc to 6 credits in 70 or 72abc. Add English 160 (at least 3 cr.)

p. 74

Required in both schedules E and F: Change to English 20, 68, and 69.

Schedule E: List of courses for junior and senior years replaced by "Courses to be Taken: English 21, 42, 45a, 61, 67, (2 cr.), 134, 143, and 12 credits selected from 15, 16, 22abc, 66abc, 67."

Schedule F: List of courses for Junior and Senior years replaced by "Courses to be taken: English 15 (2 cr.), 16 (2 cr.), 22abc, 66abc, 190, (2 cr.), and 8 credits selected from English 45b, 57bc, 70, 77bc."

New Courses:

p. 72-75

S28a. Western American Literature. 1 Q. Summer. 2-4 cr. Open to all students.

70. The Writing of Drama. 1 Q. Autumn. Winter. Spring. Summer. 1-2 cr. each quarter. Prerequisite, junior standing and English 15 and 16 or 22abc.

160abc. Creative Writing. 3 Q. Autumn, winter, spring. Summer. 1-3 cr. each quarter. Prerequisite, junior standing and work in English 70 or 72abc, or consent of instructor on the basis of submitted manuscripts.

S166. Irish Literature since 1890. 1 Q. Summer. 2-4 cr. Prerequisite, junior standing.

172. Bibliography. 1 Q. Autumn. Summer. 3 cr. Prerequisite, junior standing.

S175c. The Novel: (American). 1 Q. Summer. 1½-3 cr. Prerequisite, junior standing.

186. Philosophical Background of Literature. 1 Q. Summer. 1½-3 cr. Prerequisite junior standing.

22abc. Introduction to Theatre Production. 3 Q. Autumn, winter, spring. 4 cr. each quarter. Summer 22a. 2 cr. Open to all students. This course and 66abc replace courses 17, 46ab, 47, 62, and 168.

S60. Modern Theories of Play Production. 1 Q. Summer. 2 cr. Prerequisite, junior standing and the equivalent of study or experience in the production of plays.

66abc. Advanced Theatre Production. 3 Q. Autumn, winter, spring, 4 cr. each quarter. Prerequisite, junior standing and 12 credits of English 15 (1 cr.), 16 (1 cr.), and 22abc.

* S160. New Developments in the High School Curriculum. Dropped.

* 266. Seminar in History of American Education. Dropped.

190. Theatre Projects. 1 Q. Autumn. Winter. Spring. Summer. 1-cr. each quarter. Open to seniors and graduates who have taken at least 4 credits in English 66abc and 57b or 77abc (2 Quarters), and demonstrated ability in dramatics; to others with consent of instructor on the basis of much work in drama and dramatics.

197. The Philosophy of Grammar. 1 Q. Autumn. 3 cr. Prerequisite, senior standing and course 187 or equivalent. (New Course)

Course Changes:

72abc. Literary Composition. Change from 1-3 cr. to 2 cr. each quarter.

S154. Social Thought of Literary Men. Drop

S160. Imaginative Writing. Drop. Will be part of new course 160abc

15. Applied Acting. Delete "Voice and Diction" from title. Change to 1 cr. each quarter. Summer. 2 cr. Open to all students.

16. Applied Stagecraft. Change to 1 cr. each quarter. Summer. 2 cr.

17. Stage Lighting. Drop

20. Principles of Speech. Add "Open to all students."

S23. Reading and Vocabulary Improvement. Drop.

S27. Informal Speech. Drop

45ab. Radio Speech. Delete Music 45a as part of prerequisite.

46ab. Acting. Drop

47. Makeup. Drop.

62. Play Directing. Drop.

S64. Play Production. Drop.

67. Debate. Change to 3 quarter course 2 cr. each quarter. A maximum of 6 credits may be taken.

68. Voice and Diction. Delete "Advanced" from title.

143. Advanced Public Speaking. Change prerequisite to junior standing and English 20 or 21, and 68 or 69.

S156. Literature of the Theatre. Drop.

168. History of the Theatre. Drop.

FORESTRY

p. 85. Course Changes:

11. Survey of Forestry. Changed to 11abc. 3 Q. Autumn, winter, spring. 1 cr. each quarter. Students may enter any quarter.

12. Economics of Forestry. Number changed to 148.

13. Forest Policy. Number changed to 150. Prerequisite, Forestry 10 Silviculture and 148, Economics of Forestry.

14. Forest Fire Control. Number changed to 114. Prerequisite, Surveying 20ab.

23abc. Silviculture. Number changed to 105abc.

24ab. Forest Mensuration. Changed to 110abc Forest Measurements. 3 Q. Autumn, Winter, Spring. 3 cr. each quarter. Prerequisite, Mathematics 13.

25ab. Dendrology. Number changed to 100. 1 Q. Autumn. 5 cr.

26ab. Forest Management. Number changed to 145ab. 2 Q. Winter 4 cr. Spring. 2 cr.

27. Forest Recreation. Number changed to 127.

31. Wood Technology. Number changed to 115. Credit changed from 3 to 4.

32. Forest Products. Becomes part of new course 125ab. Forest Utilization. 2 Q. Spring, autumn. 4 cr. each quarter. Prerequisite, Forestry 115 and Chemistry 11abc or 13abc or consent of instructor.

33. Logging. Number changed to 133. Prerequisite changed to Surveying 20ab.

34. Lumbering. Becomes part of new course 125ab. Forest Utilization.

35. Forest Utilization. Becomes part of new course 125ab.

p. 86

36ab. Forest Engineering. Number changed to 136ab.

37. Timber Mechanics. Number changed to 137. Prerequisite changed to Mathematics 13 or equivalent and Wood Technology, Forestry 115.

38. Wildlife Management. Number changed to 138. Credit changed from 3 to 4.

39abc. Range Management. 39ab becomes part of new course 120. General Range Management. 1 Q. Winter. 5 cr. Prerequisite, junior standing.

39c changed to new course 121. Range Forage Plants. 1 Q. Spring. 4 cr. Prerequisite, Forestry 120 and Botany 161a.

40abc. Range Management. Number changed to 140abc.

41ab. Surveying. Number changed to 20ab.

42. Elementary Mapping. Becomes a part of new course 12ab Mapping. 2 Q. Any quarter. 2 cr. each quarter.

44ab. Advanced Mapping. Becomes part of new course 12ab.

45. Soils. Number changed to 25. Credit changed from 3 to 4.

46ab. Survey of Range Management. Becomes a part of new course 120.

101. Forestry Problems. Number changed to 191.

102. Research Technique. Number changed to 192. Prerequisite changed to senior standing and consent of instructor.

103. Pre-Seminar. Changed to 193. Senior Seminar.

104. Field Seminar. Number changed to 194.

201. Problems in Forest Production and Utilization. Replaced by new course. 200. Research. Any quarter. Credit variable.

202. Problems in Range Management. Replaced by new course 200. Research. Any quarter. Credit variable.

New Courses:

130. Valuation. 1 Q. Autumn. 4 cr. Prerequisite, Forestry 105 and 110, or consent of instructor.

155. Advanced Forest Mensuration. 1 Q. Winter. 4 cr. Prerequisite, Forestry 10 and 110 or consent of instructor.

160. Advanced Range Management. 3-5 cr.

165. Advanced Forest Management. 4 cr.

GEOLOGY

p. 88 24. Mineralogy. Change from "Continuous for geology majors" to "Continuous."

HISTORY AND POLITICAL SCIENCE

p. 91 Course Changes: 28. Early Modern Europe. Dropped.

33. Medieval Europe. Change from 4 cr. to 3 cr.

103. The Early 20th Century. Change prerequisite to junior standing and a college course in modern European history.

110. The British Empire Since 1783. Change prerequisite to junior standing and a college course in modern European history.

114ab. Russia and the Near East. Changed to 114abc. Russia and Poland. 3 Q. Autumn, winter, spring. 3 cr. each quarter. Prerequisite, junior standing and a college course in modern European history.

117abc. History of the Far East. Changed to 117ab. 2 Q. Autumn, winter. Continuous. 8 cr. Prerequisite, junior standing and a college course in modern European history.

p. 92 125. Economic History of the U. S. Prerequisite changed to junior standing and either a college course in American History or Economics 14ab.

200. Seminar in American History. Credit changed to variable.

201 Seminar in European History. Credit changed to variable.

10. Word Politics. Drop.

New Courses:

p. 91 34. Renaissance and Reformation. 1 Q. Winter. 3 cr. Prerequisite, sophomore standing. (Replacing course 28)

35. The Ancient Regime. 1 Q. Spring. 3 cr. Prerequisite, sophomore standing. (Replacing course 28.)

101. American Frontiers. 1 Q. Autumn. 3 cr. Prerequisite, course 21ab.

111. Medieval Civilization. 1 Q. Spring. 3 cr. Prerequisite, junior standing and either course 13 a or 33. (Restoration of course formerly given.)

121abc. Central Europe. 3 Q. Autumn, winter, spring. 3 cr. each quarter. Summer 1946, S 121. 4 cr. Prerequisite, junior standing and a college course in modern European history.

p. 92 126. Economic History of Western Europe. 1 Q. Spring. Summer. 4 cr. Prerequisite, junior standing and course in modern European History or Economics 14ab.

p. 93 124. International Organizations. 1 Q. Spring. 3 cr. Prerequisite, junior standing.

HOME ECONOMICS

p. 93-94 Course Changes:

22. Nutrition. Replaced by 24. Elementary Nutrition 1 Q. Spring, 5 cr. (Was previously given)

23. Elementary Nutrition in Disease. Replaced by 24. Elementary Nutrition. 1 Q. Spring. 5 cr. (was previously given)

28. Child Development. Change number to 124.

29. Food Problems in War Time. Drop

117. Textiles. Change number to 82. Prerequisite eliminated.

130. Problems in Home Equipment. Change number to 80. Prerequisite eliminated.

New Course:

86. Weaving. 1 Q. Summer. 1-4 cr. Open to all students.

JOURNALISM

p. 95 Requirements for Admission. Add the following: "During Freshman Week, new students are required to take special aptitude and achievement tests as a guide to their admission as journalism majors."

Requirements for Graduation. Change item (2) to "The recommended curriculum for majors in journalism."

Course Changes:

p. 96 113. The Press as a Social Instrument. Drop

18. Propaganda and Censorship. Name changed to Public Opinion. Add prerequisite, junior standing. Open to non majors.

- 21abc. Reporting. Change to 21ab. 2 Q. Autumn, winter, 2 cr. each quarter.
- 22ab. Reporting Practice. 2 Q. Autumn, winter. Spring, summer. 2 cr. each quarter. (Revival of old course)
24. Newspaper Management. Prerequisite changed to junior standing.
- 30abc. Copyreading. Change to 30. 1 Q. Autumn, summer. 2 cr. Prerequisite, Journalism 21ab or concurrent registration.
- 25ab. Editorial Writing. Change to 25. 1 Q. Autumn. Winter. 3 cr. Prerequisite, junior standing or consent of instructor.
- 31ab. Copyreading Practice. 2 Q. Autumn, winter. Spring, summer. 2 cr. each quarter. (Revival of old course.)
33. Magazine Article Writing. 1 Q. Autumn. 3 cr. Prerequisite, junior standing or consent of instructor. (New Course)
34. Trade and Technical Journalism. 1 Q. Winter. 3 cr. Prerequisite, junior standing or consent of instructor. (New Course)
35. Journalism Specialties for Women. Change name to Promotion and Public Relations. 1 Q. Spring. 3 cr. Prerequisite junior standing or consent of instructor.
37. Law of Journalism. Prerequisite changed to junior standing or consent of instructor.
38. Typography. Credit reduced from 3 to 2.
39. Advanced Typography. Name changed to Graphic Arts. Prerequisite changed to consent of instructor.
42. Newspaper Photography. Changed name to News Photography.
- 45a. Microphone and Program Technique. Dropped from list of Journalism courses.
- 48ab. News Casting. Change to 48abc. 3 Q. Autumn, winter, spring. 3 cr. each quarter. Prerequisite, Journalism 21ab or consent of instructor and Music 45a or concurrent registration.
49. History of Journalism. Prerequisite changed to junior standing or consent of instructor.
- 100abc. Senior Seminar. Credit changed from 4 to 6 each quarter.
126. The High School Newspaper. Credit for summer quarter reduced from 4 to 2.

LAW

p. 98

Requirements for Admission. Last sentence in first paragraph changed to as follows: This work must be done in residence at an approved college or university and have been passed with a scholastic average at least equal to average required for graduation in the institution attended, and this average shall also be attained by the student in his theory courses.

Insert the following paragraph: Furthermore, the applicant for admission must, in his pre-legal work, satisfy the scholastic average requirements for graduation of students of the second period in the College of Arts and Sciences of Montana State University (See page). These requirements are that he must have obtained a number of grade points at least equal to all of the credits for which he has registered and for which he has received a grade. Negative grade points (1 for each credit of Grade I, E, or F) must be subtracted from positive grade points earned to determine the number of grade points acquired toward meeting grade point requirements. When credits are accepted from another institution, grade points are evaluated at the time of transfer; however, where a student has had pre-legal work at Montana State University and at another institution, he must meet the above requirements on credits earned at Montana State University as well as on his entire record.

p. 100

General Information. Insert the following paragraphs in place of third paragraph: Where courses extend over more than one quarter, credit is conditional upon the completion of and final satisfactory examination over the whole course except where, because of unusual circumstances, arrangements have been made in advance for examination and credit at the end of other quarters.

In continuous courses examinations will also be given at the end of the first quarter. Conditions may be removed only in the regular examination at the end of a repetition of the course.

New Courses:

p. 101

Administrative Law. 2 Q. Autumn, winter. 6 cr.

Agency. 2 Q. Autumn, winter, 4 cr. (Part of Agency and Partnership.)

Business Organizations. 3 Q. Autumn, winter, spring. 9 cr. (Replacing Partnership and Corporations.)

Labor Relations. 1 Q. Summer. 1947. 6 cr.

Municipal Corporations. 1 Q. Summer 1946. 3 cr.

Restitution. 1 Q. Summer 1947. 3 cr.

Suretyship and Mortgages. 3 Q. Autumn, winter, spring. 6 cr. (Replacing 2 separate courses.)

Taxation. 3 Q. Autumn, winter, spring. 6 cr.

Trade Regulations. 3 Q. Autumn, winter, spring. 6 cr.

Drop. Labor Law.

MATHEMATICS

p. 102 New Courses:

B. Plane Geometry. 1 Q. Summer. No. cr.17. College Geometry for Teachers. 1 Q. Summer. 5 cr. Prerequisite, Plane Geometry.MEDICAL TECHNOLOGY

p. 104 Changes in required courses:

Modern Language. Requirement eliminated.Parasitology (Zool. 103) and Hematology (Bact 125) added.MILITARY SCIENCE TACTICS

p. 106 Courses Re-established:

13abc. Advanced Military Science and Tactics. 3 Q. Autumn, winter, spring. 2½ cr. each quarter. Students may enter any quarter.14abc. Advanced Military Science and Tactics. 3 Q. Autumn, winter, spring. 2½ cr. Each quarter.MODERN LANGUAGES

p. 109 The minimum requirement in Spanish raised from 18 to 21 credits.

MUSICp. 113 Curriculum for Bachelor of Music Degree in Applied Music. Add the following statement: Students who intend to request a certificate in applied music by endorsement must include psychology 11 and Education 25ab in the free electives listed in the curriculum.

New Course:

51. Choral Technique. 1 Q. Spring. Summer. 3 cr. Prerequisite, Music 31a and 10 credits selected from 1 and 11abc.NURSING EDUCATIONp. 117 Curriculum outlines provided for both Pre-Nursing Education and Post-Nursing Education.Modern Language requirement eliminated in both curricula.Credit grant for Nurses' training in Post-Nursing Education curriculum is to be contingent upon completion of this curriculum.PHARMACYp. 118 Requirements for Graduation: Add item (3) Satisfactorily pass a comprehensive examination at the end of each academic year.Course Changes:p. 120 10abc. Survey of Pharmacy. Changed to 10ab. Principles of Pharmacy. 2 Q. Autumn, winter. 3 cr. each quarter, continuous11. Introductory and Galenical Pharmacy. Dropped13. Pharmaceutical Botany. Dropped.14. Pharmaceutical Chemistry. Changed to 1 quarter course. Spring.

3 CR. Prerequisite, Chemistry 11b or 13 b or equivalent.

15. Field Pharmacognosy. Dropped.21ab. Operative Pharmacy. 2 Q. Winter, spring. 5 cr. each quarter

Continuous. Prerequisite, Pharmacy 10 and Pharmacy 24a. (New Course replacing old course 11.)

22. Pharmaceutical Analysis. Dropped24ab. Pharmacognosy. 2 Q. Autumn, winter. 5 cr. each quarter.

Continuous. Prerequisite, Botany 13. (New course replacing old course 13.)

25. Field Pharmacognosy. 1 Q. Spring, summer, autumn. 3 cr. Prerequisite Pharmacy 24 or consent of instructor. (New Course.)26abc. History and Literature of Pharmacy. 3 Q. Autumn, winter, spring.

1 cr. each quarter. (New Course)

27abc. Pharmaceutical Economics. Dropped31. Pharmacology. Dropped.35. Dispensing. Dropped.p. 121 39. Urinalysis. Dropped.40. History of Pharmacy. Dropped42. Pharmaceutical Ethics. Dropped.50. Manufacturing Pharmacy. 1 Q. Spring. 4 cr. Prerequisite, Pharmacy 21 and Pharmacy 24. (New Course.)52abc. Drug Analysis. 3 Q. Autumn, winter, spring. 5 cr. each quarter. Prerequisite, Pharmacy 21, Pharmacy 24, Chemistry 101, or equivalent.

(New Course.)

60. Cosmetics. 1 Q. Winter. 5 cr. Prerequisites, Pharmacy 21, Pharmacy 24, Chemistry 101, or equivalent. (New Course.)75. Veterinary Pharmacy. 1 Q. Spring. 3 cr. Prerequisite, Pharmacy 21, Pharmacy 24, Pharmacy 114. (New Course)77ab. Pharmaceutical Economics. 2 Q. Winter, spring, 3 cr. each quarter Continuous. (New Course)

90. Proprietary Preparations. 1 Q. Autumn. 3 cr. Prerequisite, senior standing. (New course.)
91. Hospital Pharmacy. 1 Q. Autumn. 5 cr. Prerequisite, Pharmac 21 and junior standing. (New Course)
- 92abc. Hospital Practice. 1-3 Q. Autumn. Winter. Spring. Summer. 3 cr. each quarter. Prerequisite, Pharmacy 91. (New Course)
- 95ab. Dispensing. 2 Q. Autumn, winter. 5 cr. each quarter. Continuous. Prerequisite, senior standing in Pharmacy and Pharmacy 21. (Replacing old course 35.)
- 97abc. Pharmaceutical Practice. 3 Q. Autumn, winter, spring. 2 cr. each quarter. Prerequisite, senior standing. (New course.)
- 114ab. Organic Medicinal Products. 2 Q. Autumn, winter. 3-5 cr. each quarter. Continuous. Prerequisite, Pharmacy 21 and Chemistry 1 or equivalent, (New Course)
131. Advanced Pharmacy. Dropped.
- 140ab. Pharmacology. 2 Q. Autumn, winter. 4 cr. each quarter. Continuous. Prerequisite, Pharmacy 114 and Zoology 24, or equivalent. (Replacing old course 31.)
141. Biological Assays. 1 Q. Spring, 5 cr. Prerequisite, Pharmacy 140. (New Course.)
150. Advanced Manufacturing Pharmacy. 1 Q. Winter. 3 cr. Prerequisite Pharmacy 50. (New Course)
165. Advanced Analysis. Increase credit from 4 to 5. Change prerequisite to Pharmacy 52 and Pharmacy 114.
205. Alkaloids. 1 Q. Any quarter. 4 cr. Prerequisite, Pharmacy 114 or equivalent. (New Course.)
207. Sterols, Terpenes and Volatile Oils. 1 Q. Any quarter. 3 cr. Prerequisite, Pharmacy 114 or equivalent. (New course.)
209. Advanced Pharmacology. 1-3 Q. Any quarter. 3-5 cr. Prerequisite Pharmacy 140 or equivalent. (New course)
210. Advanced Pharmacy. 1-3 Q. Any quarter. 3-5 cr. Pharmacy 95 or equivalent. (New course)

PHYSICAL EDUCATION. Change name of department to HEALTH AND PHYSICAL EDUCATION.

p. 123 New courses:

160. Seminar in Health Education. 1 Q. Autumn. Winter. Spring. Summer. 1 cr. each quarter. Prerequisite, senior standing and at least 25 credits in the Health Education major. May be repeated for a maximum of 3 credits.

PHYSICS

p. 124 New Courses:

201. Research. 2-5 cr. Given subject to demand. Prerequisite, graduate standing and consent of instructor.
252. Radiation and Atomic Structure. 5 cr. Given subject to demand. Prerequisite, Physics 152.

PSYCHOLOGY AND PHILOSOPHY.

p. 126 Major Requirements: Add Mathematics 25.

Course Changes:

- 12ab. Experimental Psychology. Change to 12. 1 Q. Autumn. 5 cr.
13. Child Psychology. Change name to Child and Adolescent Psychology. Credit changed from 3 to 5.
16. Psychology of Adjustment. Drop
33. Vocational Psychology. Drop
- 52abc. History of philosophy. Replace by 2 new courses 52a, History of Ancient and Medieval Philosophy. 1 Q. Winter. 5 cr. Prerequisite, sophomore standing or consent of instructor. 52b, History of Modern Philosophy. 1 Q. Spring. 5 cr. Prerequisite, either Psychology 55 or Psychology 52a.
53. The Philosophical Basis of Democracy. Drop
55. Introduction to Philosophy. Increase credit from 3 to 5. Add prerequisite of sophomore standing or consent of instructor.
111. Advanced Psychology. Change title to Advanced General Psychology and change prerequisite to Psychology 12.
112. Advanced Experimental Psychology. 1 Q. Winter. 5 cr. Prerequisite, Psychology 12 and junior standing. (Replaces Psychology 12b.)
116. Psychology of Adjustment and Mental Hygiene. 1 Q. Winter. 4 cr. Prerequisite, Psychology 11 and junior standing. (Replacing course 16.)
129. Individual Differences. 1 Q. Autumn. 5 cr. Prerequisite, Psychology 11 and junior standing. (Replacing course 33.)
130. Psychological Testing. Change Prerequisite to Psychology 129 and junior standing.
131. Clinical Psychology. 1 Q. Spring. 5 cr. Prerequisite, Psychology 115, 130, and junior standing. (New course)
156. Contemporary Philosophy. 1 Q. Autumn. 5 cr. Prerequisite, junior standing. (New Course.)
190. Problems in Psychology. Change name to Problems in Psychology and Philosophy. Change prerequisite to Psychology 11, junior standing and

permission of instructor.

THE MONTANA SCHOOL OF RELIGION

p. 127 New Courses:

- 33R. The Church in the World Today. 1 Q. Winter. 3 cr. Prerequisite Religion 20R or permission of instructor.
- 34R. Workshop in Human Relations. 1 Q. Autumn. Winter. Spring. 1-2 cr. Prerequisite 20R or permission of instructor.

WILD LIFE TECHNOLOGY

p. 127 Add statement "Satisfactory completion of this course leads to the degree of Bachelor of Science in Wildlife Technology.

Major Requirements: Foreign Language eliminated.
Course Established:

- 150. Seminar in Wildlife Problems. 2 Q. Autumn, spring. 2-3 cr. each quarter. Prerequisite, senior standing in Wildlife or Forestry.

ZOOLOGY

Course Changes:

- 10. General Zoology. 1 Q. Autumn. Winter. 5 cr. Open to all students. (New Course)
- 11ab. Elementary Zoology. Change number to 14ab.
- 108. Ornithology. Change prerequisite to Zoology 10 or 14ab.
- 114. Forest Entomology. Change prerequisite to Zoology 10 or 14ab.

**Inserts for page 414

THESIS

For the degrees of Master of Arts and Master of Science a thesis is required. The subject of the thesis must receive the approval of the major professor and the chairman of the Graduate Committee. By the end of the fourth week of the final quarter before the degree is to be secured, the candidate must file with the Secretary of the Graduate Committee three unbound copies of the thesis. He must pass an examination over the whole field of his special study and this examination, either oral or written or both, may be taken only after the thesis is accepted. Final acceptance of the thesis is subject to the approval of a special examining Committee which also conducts the examination. This committee will be appointed by the Chairman of the Graduate Committee, in consultation with the major professor and must, if possible, include at least two members of the staff of the major field.

Three copies of a statement of all graduate courses to be offered, and experience, such as in teaching, research work, etc. must be filed with the Secretary when the thesis copies are submitted.

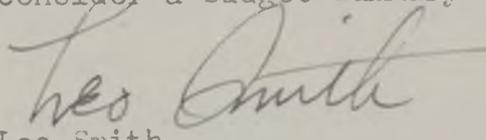
After the examination, three bound copies of the thesis must be placed on file with the Secretary of the Graduate Committee.

8 SOCIAL SCIENCE DIVISION

Add the following sentence to the foot note under the curriculum outline "See pages (School of Business Administration) for suggested curricula for freshmen and sophomores who plan to major in Business Administration."

8. Dr. Jeppesen, acting chairman of the Committee on Research and Graduate Study read the recommendations of that committee with regard to graduate assistantships. There was some discussion regarding the limitation of 12 hours of work per week for graduate assistants.

9. The faculty meeting was adjourned after which a meeting of department chairmen and deans was held to consider a budget summary to be prepared for the next biennium.


Leo Smith
Secretary

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