Carstensen, Farmer; Assistant Professors Cameron, Greene, Kroebel, Lively; Instructor Petrovich; Lecturer Lindgren.

When history is offered as one of the required studies in the general course leading in the degree of Bachelor of Arts (see page 44), the requirement must be satisfied by a continuous 3-credit course extending through two semesters.

For a statement regarding the new requirement in United States History and Institutions, see page 48.

The courses in history are divided into three groups: (a) Courses numbered under 100 carry only undergraduate credit. The introductory courses 1, 2, and 10 (see details below) are the courses open to freshmen. (b) Courses numbered in the 100-series continue in the direction of greater specialization the work begun in the introductory courses; they may be elected by students who have the necessary preparation. (c) Courses numbered above 200 are open only to graduate students.

Major Fields of Concentration: (a) European History, (b) American History, (c) History of Culture, (d) Hispanic Studies (see page 68).

Students with a major in social sciences electing to work in history will elect one of these fields of concentration, and offer not less than 2, 3, or 5 credits in history, the number depending upon the students’ preparatory school training in history. Students entering with two or more units in history are required to take not less than 30 credits on the college level; those with one unit, 35 credits; those entering college with no history, 35 credits. These courses should include History 2 or 3a, or 128 or 138, one other introductory course (History 3 or 5, or 10), History 4 (6 credits), and at least 15 credits in advanced history courses (i.e., numbered 100-199) taken in residence at the University of Wisconsin, 9 credits of which must be confined to European History or American History, except as specified below for Field of Concentration (c).

Courses 12 (3 credits) and 22 (4 credits) of the Department of Integrated Studies are accepted for purposes of the history major as satisfying the requirement of History 3a-3b, or 2a and are reckoned as Medieval History; their credits are computed within the block of 30-33-35 credits required for the history major.

Field of Concentration (c) requires either (i) History 3 or 5 (6 or 8 credits), History 10 (6 credits), and History 2 (6 credits) or History 4 (6 credits); or (ii) History 3 (6 or 8 credits) and History 16 (6 credits) or History 4 (6 credits), and advanced history courses up to the minimum of 30 credits. It also requires an attainment examination in Latin and in one modern language, and contemplates a supervised selection of courses in non-historical subjects within the field of concentration. It is preferable for majors in this field to select their two concentrations in their sophomore year.

Of the 15 credits in advanced courses, 2 credits in each semester of the senior year may, in the judgment of the adviser, be assigned to the preparation of a thesis (History 180-A) or a thesis course (History 180-B) in the field of concentration. In addition to the courses in history, the major in Fields of Concentration (a) and (b) requires Economics 1a. Political Science 25 and Geography 1-2 are recommended.

A major in social sciences who elects (a), (b), or (c) as his field of concentration may be admitted to advanced independent work at the beginning of his junior year provided that (1) he has a 2.5 grade-point average for his first two years; (2) he has completed the required freshman and sophomore work in history; and (3) he is recommended for independent work by three of his sophomore instructors of whom one must be a member of the Department of History.

Joint Major in History and History of Science. This joint major will consist of 18 credits in introductory courses: History 2, 5, 10, 16, 4, 6 credits; History 4, 6, credits; History of Science 1, 6 credits; and 18 credits in advanced courses, no less than 6 in either field (history or history of science); total, 36 credits.

Teaching Major and Minor. See bulletin of the School of Education.

I. INTRODUCTORY COURSES

OPEN TO FRESHMEN

Students who take History 3 cannot elect History 2; they may take History 5 for 2 credits a semester.

*2a-b. European Civilization, 800 to the Present. Yr: 3 or 4 cr. Introduction to the political, economic, social, and cultural history of modern western civilization. Mr. Post, Mr. Reynolds, Mr. Farmer, Mr. Boardman, Mr. Petrovich, and staff.

*2a-b. English and British History. Yr: 3 or 2 cr. Political, constitutional, economic, and social development; relations between England, the other parts of the British Isles, and the continent of Europe; imperial expansion. Period covers prehistoric times to the present. Either History 2a-b or History 2a-6 may constitute a continuous year course. Mr. Sachse and staff.

6. Origins of American Institutions. II; 3 or 2 cr. Foundations of political institutions, development of religious and political ideas, development of American constitutions, economic institutions and their development. May be taken in conjunction (but not simultaneously) with History 3a or 5a to complete a continuous year course. Prerequisite: History 3a, 5a, or sophomore standing. Mr. Jensen.

10. Ancient History. Yr: 3 cr. Survey of the history of civilization from the beginnings in Egypt and Babylonia to the year 500, with emphasis on institutional and social development. Mr. Edson.

NOT OPEN TO FRESHMEN

*2a-b. Modern European History. Yr: 5 cr. A survey of the principal developments in the history of Europe from 1492 to the present. Prerequisite: Sophomore standing. Mr. Edson and staff.

* Students who take History 3 cannot elect History 2; they may take History 5 for 2 credits a semester. History 1, when and if offered. Courses 2, 5, and 10 are open to freshmen and sophomores for 5 credits per semester, and to upperclassmen for 2 credits. Upperclassmen may register in them for 3 credits if a term paper or its equivalent is undertaken. Undergraduates who have already taken another of these courses or who take two concurrently may elect one of them for 2 credits.
II. TRAINING COURSES AND SPECIAL WORK

100-A. Senior Thesis. Yr; 2 cr.

100-B. Thesis Course. Yr; 2 cr. Prerequisites: Senior standing; major in history.

180. Special Work. Upperclassman history major students of known capacity, may, by agreement with the major professor, arrange for special out-of-class work, for which credit may be allowed, during the recess of the University, on the basis of 1 credit for each week, or its equivalent, devoted exclusively to the special project. Open only to upper-group majors in the department by consent of instructor. See Section 18, page 45.

186. General History: Review and Interpretation. Yr; 2 cr. A survey of points of view and analytic appraisals of movements in European and American history. Prerequisite: Senior candidate for the Teacher's Certificate with major or minor in history or candidate for the master's degree in the Teaching of History. Mr. Phillips and other senior members of the History Department.

200. Graduate Thesis. Yr; *cr. Staff.

252. Historical Method. I; 2 cr. Historiography, historical bibliography, sources and criticism. Graduate students in their first year are expected to take this course. Mr. Farmer and others.

280. Special Work. Properly qualified graduate students may, by agreement with the major professor, undertake special out-of-class work, generally upon research problems, for which credit may be allowed on the basis of 1 credit for each week, or its equivalent, devoted exclusively to the special project. During the recess of the University this special work is available only to graduate students who have the master's degree or its equivalent.

The Teaching of History and the Social Studies. See Education 84, bulletin of the School of Education.

Practice Teaching in History on the College Level. See Education 286, bulletin of the School of Education.

Advanced Course in the Teaching of History and the Social Studies. See Education 186, bulletin of the School of Education.

III. ANCIENT AND MEDIEVAL HISTORY

123. Economic History of the Ancient World. (See VI, Economic and Social History.)
283. Latin Paleography. 1 cr.; 2 cr. Elements of paleography, with practical exercises in reading of manuscripts. Prerequisite: Graduate standing. Mr. Post.

284. Seminar in Ancient History. Yr.; 2 cr. Special problems in Greek and Roman history will be studied in alternate years. Prerequisites: Graduate standing or consent of instructor and reading knowledge of appropriate foreign languages. Mr. Kolson.

285. Seminar in Medieval History. Yr.; 2 cr. Studies in intellectual history of the thirteenth century. Prerequisites: Graduate standing and reading knowledge of Latin, French, and German. Mr. Post.

286. Seminar in Medieval History. Yr.; 2 cr. Studies in the economic history of the Middle Ages. Prerequisites: Graduate standing and reading knowledge of Latin, French, Italian, or German. Mr. Reynolds.

287. Seminar in the History of the Far East. (See IV, Modern History.)

288. Seminar in Modern Eastern Europe. Yr.; 2 cr. Studies in problems in Modern Russian or Balkan History. Prerequisites: Graduate standing and consent of instructor.

IV. MODERN HISTORY

130a. History of Spain to 1598. I; 3 cr. Evolution of Spanish culture during ancient and Visigothic times; Moslem Spain; the Christian Reconquest; the Spanish kingdoms; independence of Portugal; unification and empire. Prerequisite: Junior standing. Mr. Kroeker.

130b. History of Spain since 1598. II; 3 cr. Decline, collapse of the empire in Europe and America; Napoleonic period; social, cultural, political aspects of life under the monarchy, and since 1831. Prerequisite: Junior standing. Mr. Kroeker.

131. History of Italy to the Eighteenth Century. (See III, Ancient and Medieval History.)

132. Origins and History of World War II. I; 3 or 4 cr. Background and history of World War I. Problems of peace-making and international organization. Rise of Fascism, National Socialism, and Japanese imperialism. Breaking the peace. Second World War. Prerequisite: Junior standing or History 2, 3, or 5. Offered concurrently with History 37, first semester: 1952-53; not offered simultaneously with or open to students with credit for History 139b, Mr. Easum.

134a. The French Revolution and the Napoleonic Period, 1789-1815. I; 3 cr. Effect of the French Revolution and the Napoleonic period on the institutions and conditions of Europe. Prerequisite: Junior standing or consent of instructor. Offered 1952-53. Mr. Higby.

134b. History of Europe, 1815-1871. II; 3 cr. Effects of the rise of nationalism, liberalism, and the new economic forces upon Europe and European society. Prerequisite: Junior standing or consent of instructor. Offered 1952-53. Mr. Higby.

135a. The Age of Imperialism, 1871-1914. I; 3 cr. A study of the expansion and rivalries of the nations of Europe during this period. Prerequisite: Junior standing or consent of instructor. Offered 1952-53. Mr. Higby.

135b. Recent and Contemporary European History, 1918-1953. II; 3 cr. The First World War and its aftermath. Prerequisite: Junior standing or consent of instructor, not open to students with credit for History 57-137. Offered 1952-53. Mr. Higby.

140a-b. European Economic History since 1700. (See VI, Economic and Social History.)

142a. The Emergence of Modern Britain: England Under the Tudors and Early Stuarts, 1485-1600. I; 3 cr. Cultural, economic, political, and social issues and developments; foreign relations; the background of empire. Prerequisite: History 5 or junior standing. Offered 1952-53 and in alternate years. Mr. Sachse.

142b. The Emergence of Modern Britain: England Under the Later Stuarts and Hanoverians, 1660-1815. II; 3 cr. Cultural, economic, political, and social issues and developments; foreign relations; the Industrial revolution; the old empire; Anglo-American relations. Prerequisite: History 5 or junior standing. Offered 1952-53 and in alternate years. Mr. Sachse.

143. The British Empire Since 1815. Yr.; 3 cr. Imperial expansion and imperial policy. Growth of the Dominions; relations with India; the dependent Empire. The Empire and Commonwealth in our own age. Prerequisite: History 5 or junior standing. Offered 1952-53. Mr. Knaphood.

144. Sixteenth-Century Civilization. II; 3 cr. The conflict of sects and religious forces, 1500-1600. Prerequisite: Junior standing or consent of instructor. Not offered 1952-53. Mr. Post.

145. European Social and Intellectual History, 1600-1789. Yr.; 3 cr. First semester: Social conditions and their influence on thought and belief. Second semester: Main movements in thought and taste in the 17th and 18th centuries. Prerequisite: History 3b, 2a, or junior standing. Offered 1952-53 and in alternate years. Mr. Farmer.

146. History of the German People. Yr.; 3 cr. First semester: Survey of medieval German history; a study of the Renaissance, Reformation, and Thirty Years' War. Second semester: 1648-1711, with special attention to the rise of Prussia and unification of Germany. Prerequisite: History 2, 3, 5, or 10, or junior standing. Mr. Easum.

147. Modern Britain, 1815 to the Present, Yr.; 3 cr. Economic, social, and political history of the British Isles. Foreign relations and foreign policy. Prerequisite: History 5 or junior standing. Offered 1952-54. Mr. Knaphood.

148. History of Southeast Europe, 1453 to the Present. Yr.; 3 cr. The Ottoman and Hapsburg Empires, the rise of the Balkan countries, internal developments and external pressures, from the end of the Byzantine Empire to the present. Prerequisite: Junior standing or consent of instructor. Not offered concurrently with History 135. Mr. Petrovich.

149. History of Russia. Yr.; 3 cr. The origins and evolution of the Russian State; political, economic, and social history; relations with foreign countries. From the ninth century to the present. Prerequisite: Junior standing or consent of instructor. Not offered concurrently with History 135. Mr. Petrovich.

151a. European Social and Intellectual History, 1789-1870. I; 3 cr. The conflicting cultures of the aristocratic reaction, individualism and democracy, and the democratic movement; romanticism and scientific materialism. Prerequisite: History 2b, 3b, or junior standing. Offered 1953-54 and in alternate years. Mr. Farmer.

151b. European Social and Intellectual History Since 1870. II; 3 cr. The Liberal faith in the ascendant and its retreat; socialism, authoritarian nationalism and the new liberalism; the uncertain faith in science and progress. Prerequisite: History 2b, 3b, or junior standing. Offered 1953-54 and in alternate years. Mr. Farmer.


156. History of Exploration and Geographical Discoveries, 1290-1700. (See III, Ancient and Medieval History.)

168. History of the Far East. Yr.; 3 cr. Survey of the culture, history, and institutions of the Far Eastern countries from earliest times to the present. Prerequisite: History 2b, 3b, or consent of instructor. Mr. Boardman.

170. China in the 19th and 20th Centuries. II; 3 cr. Examination of the process of social change and revolution in modern China. Prerequisite: Junior standing or consent of instructor. Mr. Boardman.

172. Japan Since the Meiji Restoration. II; 3 cr. Foreign relations, political, social,
and economic developments during the period 1868-1912. Prerequisite: Junior standing or consent of instructor. Offered 1952-53. Mr. Boardman.

175a. HISTORY OF MODERN FRANCE: THE OLD REGIME. I; 3 cr. Evolution of French institutions and civilization, 1483-1789. Prerequisite: Junior standing or consent of instructor. Mr. Hill.

175b. HISTORY OF MODERN FRANCE: SINCE THE REVOLUTION. II; 3 cr. The development of French institutions and civilization, 1789 to the present. Prerequisite: Junior standing or consent of instructor. Mr. Hill.

178. RECENT GERMAN HISTORY. YE; 3 cr. First semester: The Hohenzollern Empire: its constitution, history, colonial enterprises, and world position. Second semester: Wartime and postwar Germany, Weimar Republic, and the Third Reich. Prerequisites: History 2, 5, or 146, and junior standing. Not offered concurrently with History 146. Mr. Eum.

187. HISTORY OF SCANDINAVIAN COUNTRIES. YE; 3 cr. The political, economic, and social history of the Scandinavian countries from the earliest times to the present. Prerequisite: History 3 or History 2, or junior standing. Mr. Lindgren.

207. MODERN EUROPEAN HISTORY, 1492-1789. YE; 3 cr. Lectures, reports, and discussions. Expansion of Europe; Protestant revolt; Catholic reformation; rise of absolutisms; benevolent despots; and growth of revolutionary spirit. Prerequisite: Graduate standing. Mr. Highy.

240. SEMINARY IN MODERN EUROPEAN ECONOMIC HISTORY. (See VI, ECONOMIC AND SOCIAL HISTORY.)

259. SEMINAR IN THE HISTORY OF THE BRITISH EMPIRE. YE; 2 cr. Aspects of British imperial history. Prerequisite: Graduate standing. Mr. Krappchild.

265. SEMINAR IN SEVENTEENTH-CENTURY ENGLAND. YE; 2 cr. Attention will be devoted to economic, intellectual, political, and social problems of this period. Prerequisite: Graduate standing. Mr. Sachse.

266. SEMINAR IN CENTRAL EUROPEAN HISTORY. YE; 2 cr. Studies in modern German history and German international relations, with special attention to Germany's position as a Central European state. Prerequisites: Graduate standing and reading knowledge of German. Reading knowledge of French is highly desirable. Mr. Eum.

267. SEMINAR IN MODERN EUROPEAN HISTORY. YE; 2 cr. Prerequisite: Graduate standing. Mr. Highy.

268. SEMINAR IN THE HISTORY OF THE FAR EAST. YE; 2 cr. Prerequisite: Graduate standing. Reading knowledge of French, Chinese, or Japanese is desirable. Mr. Boardman.

275. SEMINAR IN MODERN RUSSIAN AND EAST EUROPEAN HISTORY. YE; 2 cr. Will be given in rotation or as occasion arises. Prerequisites: Graduate standing and consent of instructor.

276. SEMINAR IN EUROPEAN SOCIAL AND INTELLECTUAL HISTORY. YE; 2 cr. Prerequisite: Graduate standing. Mr. Farmer.

V. AMERICAN HISTORY

101. (Formerly 116.) HISTORY OF COLONIAL SOCIETY. I; 3 cr. European expansion and colonization in the New World; English colonization; political ideas and institutions; economic foundations; social evolution and conflict; intellectual currents; colonial expansion; internal warfare. Prerequisite: Junior standing. Mr. Jensen.

102. (Formerly 116b.) THE AGE OF THE AMERICAN REVOLUTION, 1763-1789. II; 3 cr. Structure of American society; British policy; growth of revolutionary movements; independence and political revolution; military and diplomatic phases; social consequences; Confederation period; Constitution of 1787. Prerequisite: Junior standing. Mr. Jensen.

103. NATIONALISM AND DEMOCRACY IN THE UNITED STATES, 1789-1815. I or II; 3 cr. Establishment of the national government; the rule of the Federalist Party; rise of Jeffersonian democracy; the philosophy and practice of Jeffersonianism; the War of 1812. Prerequisite: Junior standing. Mr. Jensen.

104. THE RISE OF JACKSONIAN DEMOCRACY, 1815-1837. I or II; 3 cr. Expansion and economic change; economic sectionalism and national politics; rise of Jacksonian democracy; social and political reform; Jacksonians in power. Prerequisite: Junior standing. Mr. Jensen.

105. (Formerly 114.) SECTIONALISM AND THE CIVIL WAR. I; 3 or 4 cr. Conflict between rising industrialism and the Old South; the abolition crusade; secession; economic and social significance of the Civil War. Prerequisite: Junior standing. Offered 1952-53. Mr. Heseltine.

106. (Formerly 118.) RECONSTRUCTION AND THE NEW NATION. II; 3 cr. Aftermath of the Civil War; reconstruction; economic consequences of the war; the Grant era; the New South; the continuance and decline of sectionalism. Prerequisite: Junior standing. Offered 1952-53. Mr. Heseltine.

111. HISTORY OF THE WEST, 1763-1893. (See VI, ECONOMIC AND SOCIAL HISTORY.)

112a. REPRESENTATIVE AMERICANS, 1625-1805. I; 3 cr. A biographical approach to American history. Evaluation of the contributions of leading Americans to the nation's development; the colonial era, the revolutionary and early national periods, the sectional controversy, and the Civil War. Offered concurrently with History 12a. Prerequisite: Junior standing or an introductory course in American history. Mr. Heseltine.

112b. REPRESENTATIVE AMERICANS, 1803-1953. II; 3 cr. A biographical approach to American history. Evaluation of the contributions of leading Americans to the nation's development during the Age of Big Business, the Progressive Era, the New Deal, and two World Wars. Offered concurrently with History 12b. Prerequisite: Junior standing or an introductory course in American history. Mr. Heseltine.

113a-b. HISTORY OF AMERICAN THOUGHT AND CULTURE. YE; 3 cr. European and American influences on movement of thought, arts, and agencies of cultural life, seventeenth century to present, and impact of American ideas on the world. Prerequisite: Junior standing. Offered 1953-54 and in alternate years. Mr. Curti.

114. (Formerly 103.) HISTORY OF WISCONSIN. I; 3 cr. The history of Wisconsin from the beginning of the historical period to the present, with emphasis on the economic and social aspects of Wisconsin history since 1815. Prerequisite: History 4 or junior standing. Offered 1952-53. Mr. Cassens.


117b. THE CONSTITUTION IN AMERICAN DEVELOPMENT (1835-1954). II; 3 cr. Constitutional aspects of the sectional controversy and Civil War; new economic forces and a changing...
Curti.

120a-b. AMERICAN FOREIGN RELATIONS, 1775 TO THE PRESENT. Yi; 3 cr. The United States in its relations with the outside world, emphasizing public opinion and the economic, social and political forces that have determined American foreign policy. Prerequisite: Junior standing. Mr. Heseltine.

121a-b. SOCIAL DEVELOPMENT OF THE AMERICAN PEOPLE. (See VI, Economic and Social History.)

122a. AMERICAN ECONOMIC LIFE: THE HISTORY OF AMERICAN AGRICULTURE. (See VI, Economic and Social History.)

122b. AMERICAN ECONOMIC LIFE: THE GROWTH OF INDUSTRIAL AND FINANCE CAPITALISM. (See VI, Economic and Social History.)

129a. LATIN-AMERICAN HISTORY TO 1825. I; 3 cr. Conquests by Spain and Portugal; and the socio-economic, cultural, and governmental institutions in colonial life. Background of revolution, and wars for independence. Prerequisite: Junior standing. Mr. Kroeger.

129b. LATIN-AMERICAN HISTORY SINCE 1825. II; 3 cr. The modern struggle for stability, progress, and cultural advancement; relations with the United States; part played in world affairs; life and problems of today. Prerequisite: Junior standing. Mr. Kroeger.


201. STUDIES IN EIGHTEENTH-CENTURY AMERICAN HISTORY. Sem.; 3 cr. Prerequisites: Master's degree and consent of instructor. Mr. Jensen.

202. STUDIES IN AMERICAN INTELLECTUAL HISTORY: THE AMERICAN MIND. Sem.; 3 cr. Prerequisites: Master's degree and consent of instructor. Mr. Curti.

203. STUDIES IN AMERICAN SECTIONALISM. Sem.; 3 cr. Prerequisites: Master's degree and consent of instructor. Mr. Heseltine.

204. STUDIES IN AMERICAN EXPANSION OVERSEAS. Sem.; 3 cr. Prerequisites: Master's degree and consent of instructor. Mr. Harrington.

205. STUDIES IN RECENT AMERICAN HISTORY, 1880-1919. Sem.; 3 cr. Topics like the Populist protest, Progressive movement, farm discontent, labor's struggle for recognition, minority groups, rise of industrialism, imperialism, reformers, critics of America, entry into international affairs and World War I, recent historians. Prerequisites: Master's degree and consent of instructor. Mr. Beale.

206. STUDIES IN LATIN-AMERICAN HISTORY. Yi; 2 cr. A course designed to acquaint graduate students with the historical literature of Latin America for the colonial and republican eras. Prerequisites: Graduate standing and consent of instructor. Mr. Kroeger.

208. STUDIES IN THE HISTORY OF THE WEST. I; 3 cr. Emphasis on social and economic phases of history of the westward-moving American frontier. Prerequisites: Master's degree and consent of instructor. Mr. Curti.

209. STUDIES IN AMERICAN ECONOMIC HISTORY. (See VI, Economic and Social History.)

210. SEMINAR IN AMERICAN HISTORY. Yi; 2 cr. Social and intellectual history of the United States since 1890. Prerequisite: Graduate standing and consent of instructor. Mr. Curti.

211. SEMINAR IN AMERICAN HISTORY. Yi; 2 cr. Studies in eighteenth-century America. Prerequisite: Graduate standing. Mr. Jensen.
VII. HISTORY OF SCIENCE

The Department of History will accept for credit toward an undergraduate major in History as many as 6 credits in the History of Science, in courses to be selected by the student from among the following: History of Science 120 (Ancient and medieval science) yr., 6 credits; 150 (Early modern science) sem., 3 credits; or 170 (Modern science) sem., 5 credits; and the Department of History recommends as electives the other courses here listed and not taken for credit toward the major in History.

HISTORY OF SCIENCE

ASSOCIATE PROFESSOR CLAGETT, chairman; ASSISTANT PROFESSORS R. STAUFFER, V. WEST.

The courses in the history of science are designed to give a general knowledge of the development of science, its fundamental ideas, its men and its methods. An elementary knowledge of at least one science is required, and a previous course in history is desirable. No course in this department is open to freshmen.

For a major in History of Science 32 credits of historical work are required and one year of advanced work in a department within the Division of Biological Sciences or Physical Sciences.

For the historical work at least 18 credits must be offered from the history of science courses listed under Group A below and at least 6 credits from the history courses listed under Group B below. The remaining credits may be selected from any of the courses listed under Groups A, B, or C or similar courses which may be added in the future.

Any student wishing to major in the History of Science must have his program in fulfillment of these requirements approved by the department. If he is considering advanced work in the field, it is strongly advised that he make early plans to acquire the foreign languages he will need as tools for research.

GROUP A

HISTORY OF SCIENCE

104a-b. INTRODUCTION TO THE HISTORY OF SCIENCE. Yr. 5 cr. The first semester covers the development of science in the period from Antiquity through the Age of Newton; the second, from the latter eighteenth, nineteenth, to the early twentieth centuries. Prerequisites: One year of laboratory science; sophomore standing. Mr. Clagett, Mr. Stauffer.

105. PROSEMINAR. I, II; 2 cr. (Ancient, Medieval or Early Modern Science.) Primarily for graduates. Prerequisite: Consent of instructor. Mr. Clagett.

110. PROSEMINAR. I, II; 2 cr. (Early Modern or Modern Science.) Primarily for graduates. Prerequisite: Consent of instructor. Mr. Stauffer.

120a-b. ANCIENT AND MEDIEVAL SCIENCE. Yr. 5 cr. The first semester traces the development of science in Antiquity from its origins in ancient Egyptian and Babylonian origins; the second traces the transmission of science through Islam to the West and its development there through the sixteenth century. Prerequisite: History of Science 1 or consent of instructor. Mr. Clagett.

150. EARLY MODERN SCIENCE. Sem.; 3 cr. Scientific discovery, methods, and organization from the Age of Galileo to the Enlightenment. Prerequisite: History of Science 1 or consent of instructor. Mr. Stauffer.

170. MODERN SCIENCE. Sem.; 3 cr. The expansion of science from the chemical revolution of Lavoisier to the twentieth century. Prerequisite: History of Science 1 or consent of instructor. Mr. Stauffer.

180. SPECIAL WORK. 1 cr. Upper-group students may, by consent of the professor, arrange for special out-of-class work, for which credit may be allowed on the basis of 1 credit for the equivalent of each full week's work devoted to the project.

GROUP B

HISTORY OF SCIENCE

113. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES. Yr. 6 cr.

121. MEDIEVAL CIVILIZATION. Sem.; 3 cr.

123. THE RENAISSANCE. Sem.; 3 cr.

140. EUROPEAN ECONOMIC HISTORY SINCE 1700. Yr.; 3 cr.

142. SIXTEENTH-CENTURY CIVILIZATION. Sem.; 3 cr.

145. EUROPEAN INTELLECTUAL AND SOCIAL HISTORY, 1600-1799. Yr.; 6 cr.

151. EUROPEAN INTELLECTUAL AND SOCIAL HISTORY, 1798-1914. Yr.; 6 cr.

GROUP C

PHILOSOPHY 31. HISTORY OF ANCIENT PHILOSOPHY. Sem.; 3 cr.

PHILOSOPHY 129. PHILOSOPHY OF SCIENCE. Sem.; 3 cr.

PHILOSOPHY 131. HISTORY OF MEDIEVAL PHILOSOPHY. Sem.; 3 cr.

PHILOSOPHY 132. HISTORY OF MODERN PHILOSOPHY. Sem.; 3 cr.

AGRICULTURAL BACTERICIOLOGY 131. HISTORY OF BACTERICIOLOGY. Sem.; 1 cr.

CHEMISTRY 107. HISTORY OF CHEMISTRY. Sem.; 2 cr.

GEOLOGY 135. HISTORY OF GEOLOGY. Sem.; 1 cr.

MATHEMATICS 173. HISTORY OF MATHEMATICS. Sem.; 3 cr.

HISTORY OF MEDICINE 121. HISTORY OF MEDICINE. Sem.; 2 cr.

HISTORY OF MEDICINE 122. HISTORY AND GEOGRAPHY OF DISEASE. Sem.; 1 cr.

PHARMACY 158. HISTORY OF PHARMACY. Sem.; 3 cr.

PSYCHOLOGY 160. HISTORY OF PSYCHOLOGY. Sem.; 3 cr.

INTEGRATED LIBERAL STUDIES

PROFESSORS AGARD, EARLEY, HARTSHORNE, HOWELL, HUTCHINS, MACKENDRICK, NOLAND, FRANKLIN, POOLEY; CHAIRMAN, POST; ASSOCIATE PROFESSORS INDE, JUDSON, WILEY; ASSISTANT PROFESSORS HONE, RUTWEN; INSTRUCTORS MILHAM, SANDERS.

An alternate two-year program of studies comprising 60 credits of required courses designed to provide a broad general education through the integration of subject matter. Open to 80 entering freshmen in the first semester of each academic year. This program, with the election of a foreign language, qualifies a student to continue toward the B.A. degree. Candidates for the B.S. degree will select elective courses preparatory to later specialization or of personal interest. (See outline of courses, page 48.)

Courses in the Department of Integrated Liberal Studies are open only to students who enroll in the integrated program.

COURSES OF INSTRUCTION

I. HUMANITIES

11. GREEK AND ROMAN CULTURE. Sem.; 4 cr. A comparison of Greek culture at its height with Roman culture at its height; readings in translation and some lectures in classical art. Mr. Agard, Mr. MacKendrick.

12. MEDIEVAL AND RENAISSANCE CULTURE. Sem.; 3 cr. The transition from Graeco-Roman civilization to modern European civilization. Mr. Post.

* These prerequisites will vary in subject matter, and they may be taken more than once for credit.