

CATALOG, PART I
COLLEGE OF
LETTERS AND SCIENCE

Bulletin of the
University of Wisconsin
Announcement of Courses - 1958-60

HEBREW

In addition to the following courses, further work in Hebrew may be arranged by application to the chairman.

- 1a. **First-Semester Hebrew.** I; 4 cr. For students with no previous knowledge of Hebrew. Elements of Hebrew reading and grammar; fundamental principles of the language. Emphasis on acquiring vocabulary and developing facility in reading simple narrative Hebrew prose.
- 1b. **Second-Semester Hebrew.** II; 4 cr. Continuation of elements of Hebrew grammar and reading. Easy passages selected from the Bible and modern texts. Prerequisite: Hebrew 1a or consent of instructor.
15. **Conversation (Elementary Level).** Yr; 2 cr. Development of oral facility based on everyday conversations. Two hours weekly, including one hour laboratory drill. Prerequisite: Hebrew 1a or one year of high-school Hebrew, or consent of instructor.
16. **Conversation (Intermediate Level).** Yr; 2 cr. Practice in speaking fluent Hebrew and in readings from the Hebrew press and other texts without vowels. Prerequisite: Hebrew 15b or Hebrew 1b, or consent of instructor.
110. **Intermediate Hebrew.** Yr; 3 cr. Easy selections from the Bible, and medieval and modern Hebrew literature. Advanced grammar and idiom. Prerequisite: Hebrew 1b or consent of instructor. Hours arranged to meet students' needs.
111. **Old Testament Texts.** Yr; 2 cr. Reading with grammatical and critical notes. Prerequisite: Hebrew 110 or consent of instructor.
150. **Biblical Archaeology.** Yr; 2 cr. Prerequisite: Junior standing.
151. **Post-Biblical and Modern Hebrew.** Yr; 2 cr. Selections from medieval and modern Hebrew literature. Reports and examinations. Prerequisite: Hebrew 110 or consent of instructor.
205. **The Book of Isaiah.** Yr; 2 cr. A philological and critical interpretation of the book, in the light of ancient versions, medieval and modern commentaries, and the Qumran texts. Reading knowledge of Greek is essential.
230. **Advanced Hebrew Grammar.** Yr; 2 cr. Textbook: *Gesenius Hebrew Grammar*, 1952 Edition.

Hebrew Literature

130. **General Survey of Hebrew Literature and Culture.** Yr; 3 cr. (In English.) Introduction to Hebrew literature through the ages: literary history of the Old Testament, Apocrypha, Dead Sea Scrolls, Mishna, Talmud, Midrashim, medieval Hebrew poetry and philosophy, modern Hebrew literature. Readings in translation and discussions of selected passages. Prerequisite: Sophomore standing. Mr. Mansoor.

ARABIC

In addition to the following courses, further work in Arabic may be arranged by application to the chairman.

1. **Elementary Arabic.** Yr; 4 cr. For students with no previous knowledge of Arabic who desire a foundation in grammar and vocabulary. Basic literary Arabic as it is commonly employed in contemporary literary Arabic. Textbook: *Arabic Language and Grammar*, Parts I and II.
110. **Classical Arabic.** Yr; 2 cr. Readings of passages selected from *Quran* and Arabic literature. Prerequisite: Consent of instructor.

112. **Intermediate Arabic and Conversation.** Yr; 3 cr. Grammar review and practice in reading literary Arabic. One hour weekly Arabic (Egyptian dialect) conversation. Prerequisite: Arabic 1b or consent of instructor.

120. **Newspaper and Radio Arabic.** Yr; 3 cr. A course in Arabic as it is employed in contemporary newspapers; training in accurate rendering of typical press material in different fields. Recommended particularly for those preparing for government service. Prerequisite: Arabic 110 or 112 or consent of instructor.

OTHER SEMITIC LANGUAGES

160. **Elements of Aramaic, Fundamentals of Aramaic.** Yr; 2 cr. Reading and grammar. I. Biblical Aramaic (Daniel, Ezra). II. Selections from Talmud and Midrash. Aramaic text from the Genesis Apocryphon.

165. **Elements of Syriac.** Yr; 2 cr. Fundamentals of Syriac reading and grammar; readings from the Old and New Testaments. During the second semester, works from the early Syrian fathers. Prerequisite: Hebrew 1b, Arabic 1b, or consent of instructor.

170. **Elements of Accadian.** Yr; 2 cr. Fundamentals of Accadian grammar and reading; reading from cuneiform texts. Accadian literature and its relation to Biblical literature. Prerequisite: Hebrew 1b, Arabic 1b, or consent of instructor. Mr. Mansoor.

COMPARATIVE SEMITIC LINGUISTICS

201. **Seminar in the Comparative Grammar of the Semitic Languages.** Yr; 2 cr. Distribution, classification, and description of the languages of the Semitic group, with reference to the Hamitic group. Alphabet; semitic vowel system; morphology. Hours arranged to meet students' needs. (Students desiring to take this course are strongly advised to take Linguistics 120.)

250. **Seminar in Biblical Studies.** Yr; 2-3 cr. 1956-57, Dead Sea Scrolls Texts; 1957-58, Biblical Archaeology; 1958-59, The Making of the Bible. Mr. Mansoor and staff.

Hispanic Studies

Requirements for the major in Hispanic Studies are listed on page 91.

History

Professors SACHSE, *Chairman*, BEALE, CARSTENSEN, CURTI, EASUM, EDSON, HARRINGTON, HESSELTINE, HILL, JENSEN, MOSSE, PHILLIPS, POST, REYNOLDS; Associate Professors BOARDMAN, CAMERON, CURTIN, HAMEROW, PETROVICH, SHANNON, WILLIAMS, WYLLIE; Instructor LITWACK

History, the written memory of mankind, is the story and interpretation of man's experiences and achievements in the development of states and institutions, law and order, economic and social interests, religions, learning, literature, and the arts. Itself a product and an essential part of civilization, history is indispensable to the education of civilized men and women in the ideals and traditions that distinguish them from the

animals. History is an important aid to the study of related subjects, notably the humanities (languages and literatures, philosophy, music, and art) and the social studies (law, sociology and anthropology, economics, cultural and historical geography, the history of science, political science, international relations, and psychology).

The Department of History offers courses for either a general knowledge of the history of civilization or a special knowledge of the history of particular topics and limited periods. Students may major in History for historical knowledge, teaching, research, or state service.

Major in History. A minimum of 30 and no more than 40 credits as follows:

1. At least 12 credits of European History, 6 of which must be taken in History 1, 2, 3, 5, and 10. This requirement must include some Ancient or Medieval History.*
2. Six credits in American History.
3. At least 15 credits in advanced history courses (numbered 100-199), taken in residence at The University of Wisconsin. Advanced courses taken under 1. and 2. above count toward these 15 credits.

Major in the History of Culture. A student may choose to major in the History of Culture to emphasize the cultural aspects of historical development. He must meet the requirements outlined above, under 1. and 2., and offer 12 credits in advanced courses in history, chosen so as to cover a logical segment of European or American cultural history. In addition, in consultation with his adviser, he must choose at least 9 credits in advanced courses in related departments in humanities or social studies (for example, Latin-American history and Spanish literature and art; Greek history and ancient philosophy and science; American history and law and political theory). When the student's interest lies in the cultural history of a period or country outside the English or United States fields, he must take an attainment examination or its equivalent in course work in the appropriate foreign language.

Major in Hispanic Studies. (See page 90.)

Joint Major in History and History of Science. This joint major demands 18 credits in introductory courses: 6 credits in History 1, 2, 3, 5, or 10; 6 credits in History 4; and 6 credits in History of Science 1. In addition, 18 credits are required in advanced courses, of which at least 6 must be either in History or in History of Science.

Honors and High Honors in History. Students majoring in history who have a grade-point average of 3.0 or better, and 24 credits in history, may at the end of their junior year enroll for honors in history. They are

* History 5a counts as Medieval History. I.L.S. 12 (3 credits) and 22 (4 credits) are accepted as equivalent to History 1 and 2.

required to register in tutorial sections of not more than six students, numbered 150a and b, carrying 2 credits per semester, which meet in weekly two-hour sessions.

The work will consist of reports on reading, discussions, and brief research papers. Its purpose is to fill gaps in the student's training in history, to make him acquainted with historical literature not touched on in lecture courses, and to bring his study of history into focus. Regular attendance at these conferences is of primary importance, and three absences will result in automatic withdrawal from the course.

For honors in history, the student must have had a 3.5 average in his major, including the tutorial course, at the end of his senior year. For high honors, the student is required to write a thesis which may be worked in with assignments for tutorial sections or substituted for them. In addition, the recipient of high honors must have an over-all grade-point average of 3.5.

I. INTRODUCTORY COURSES

Open to all Undergraduates

*1. **Medieval Europe, 410-1500.** Sem; 3 cr. General introduction to the history of Europe from the later Roman Empire to the end of the Middle Ages. Mr. Post, Mr. Reynolds, and staff.

*2. **The Making of Modern Europe, 1500-1815.** Sem; 3 cr. Introduction to the principal developments in the history of Europe from the Renaissance to the fall of Napoleon. Mr. Easum, Mr. Hill, Mr. Mosse, and staff.

*3. **Europe and the Modern World, 1815 to the Present.** Sem; 3 cr. General survey of the political, economic, social, and cultural history of modern Western civilization. Mr. Easum, Mr. Cameron, Mr. Mosse, Mr. Petrovich, and staff.

*5a-b. **English and British History.** Yr; 3 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. Mr. Sachse and staff.

*10a-b. **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

4a-b. **American History, 1607 to the Present; the Origin and Growth of the United States.** Yr; 3 cr. Survey of American social, political, and economic development. Prerequisite: Sophomore standing. Staff.

12a-b. **Representative Americans.** Yr; 3 cr. A biographical approach to American history; evaluation of contributions of leading Americans to the nation's development. Offered concurrently with History 112a-b. Prerequisite: Sophomore standing. Mr. Hesselstine.

* Freshmen who take History 1, 2, 3, 5, and 10 will earn 3 credits; they may earn a fourth credit with the consent of the instructor. Upperclassmen will earn 2 credits; a third credit may be arranged by obtaining permission of the instructor.

37. **Origins and History of World War II.** I; 3 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: Sophomore standing. Offered concurrently with History 137. Not open to students with credit for History 139b. Mr. Easum.

40. **History of Modern Capitalism.** I, II; 3 cr. Evolution of economic institutions of the Western world from the late Middle Ages; rival systems in the 20th century. Prerequisite: Sophomore standing. Mr. Cameron.

II. TRAINING COURSES AND SPECIAL WORK

100. **Senior Thesis.** Yr; 2-3 cr. An independent research topic should be selected, if possible, before the close of the junior year. Staff.

150. **Honors Work in History.** Yr; 2 cr per semester. Reports on reading, discussions, and brief research papers. Will meet in weekly two-hour sections. Limited to six students per section. Prerequisites: Senior majors in history, and permission of the adviser. Staff.

179. **Theories of History.** I; 3 cr. Various philosophies of history and theories concerning the method, purpose, and meaning of history. Prerequisite: Junior standing or consent of instructor. Mr. Hill.

180. **Special Work.** Advanced undergraduate students may, by consent of the professor, arrange for special out-of-class work, for which credit is allowed on the basis of 1 credit for the equivalent of each full week's work to the project.

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. Post.

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 is allowed on the basis of 1 credit for each week or its equivalent, devoted exclusively to the special project. During the recesses of the University this 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, *School of Education Bulletin*.

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

Advanced Course in the Teaching of History and the Social Studies. See Education 185, *School of Education Bulletin*.

III. ANCIENT AND MEDIEVAL HISTORY

126. **A History of Rome.** Yr; 3 cr. I. The Republic; II. The Empire. A view of Roman history from the beginning of the Roman state to the fall of the Empire in the West. Prerequisite: Junior standing or consent of instructor. Mr. Edson.

127. **A History of Greek Civilization.** Yr; 3 cr. I. The Greek City; II. The Macedonian Monarchy and the Hellenistic Civilization. Greek history from prehistoric times to the end of the Hellenistic Age. Prerequisite: Junior standing or consent of instructor. Mr. Edson.

131. **Medieval Civilization.** Yr; 3 cr. Intellectual history emphasized. I. From St. Augustine to the 12th century; II. From the 12th to the 14th century. Mr. Post.

132. **History of Italy to the 18th Century.** Sem; 3 cr. History of the Italian people, emphasizing their contributions in the economic, cultural, and political fields, from the later Roman Empire to the 18th century. Prerequisite: History 3 or junior standing. Mr. Reynolds.

133. **Economic Life in Europe.** (See VI, Economic and Social History, page 193.)

134. **The Renaissance.** II; 3 cr. Various elements contributing to the development of European civilization in the 14th and 15th centuries. Prerequisite: Junior standing or consent of instructor. Mr. Post.

135. **Later Roman and Byzantine Empires.** Yr; 3 cr. Accession of Diocletian (284) to capture of Constantinople by the Turks (1453). External relations of the Empire, constitutional, ecclesiastical, social, economic, and intellectual history. Prerequisite: History 10, 1, or consent of instructor.

136. **History of Medieval France.** Sem; 3 cr. Rise of the national state and its civilization under the monarchy, 987-1483. Prerequisite: Junior standing or consent of instructor. Mr. Post.

141. **English Constitutional History.** Yr; 3 cr. Government and law of England from earliest times to the present. Prerequisites: History 5; or History 2 or 3 and junior standing. Mr. Sachse.

154. **History of Religions.** (See VI, Economic and Social History, page 194.)

164. **History of Exploration and Geographical Discoveries, 1200-1700.** Sem; 3 cr. Literature on medieval and early modern explorations in Asia, Africa, and the New World. Economic and political consequences of the "expansion of Europe." Prerequisite: Junior standing or consent of instructor. Mr. Reynolds.

165. **History of Commerce.** (See VI, Economic and Social History, page 194.)

168. **History of Eastern Asia.** (See IV, Modern History, page 189.)

174. **History of the Indian World.** (See IV, Modern History, page 190.)

210. **Proseminar in the Political Institutions and Political Thought of the Classical World.** Yr; 3 cr. Prerequisite: Graduate standing. A reading knowledge of French or German is highly desirable. (Candidates for the doctorate in ancient history or classics are not eligible for this proseminar. Their attention is called to History 254.) Mr. Edson.

253. **Latin Paleography.** Sem; 2 cr. Elements of paleography, with practical exercises in reading of manuscripts. Prerequisite: Graduate standing. Mr. Post.

254. **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. Edson.

256. **Seminar in Medieval History.** Yr; 2 cr. Studies in intellectual history of the 13th century. Prerequisites: Graduate standing and reading knowledge of Latin, French, and German. Mr. Post.

257. **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.

268. **Seminar in the History of the Far East.** (See IV, Modern History, page 190.)

274. **Seminar in Medieval Eastern Europe.** Yr; 2 cr. As the situation requires, attention will center on problems in Byzantine, Crusading, or Medieval Russian history.

IV. MODERN HISTORY

130. **History of Spain and Portugal.** Sem; 3 cr. The political, economic, social, and artistic life of the people of Spain and Portugal from pre-Roman times to the present. Prerequisite: Junior standing or consent of instructor.
132. **History of Italy to the 18th Century.** (See III, Ancient and Medieval History, page 187.)
137. **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. World War II. Prerequisite: Junior standing or History 2, 3, or 5. Offered concurrently with History 37; not offered simultaneously with or open to students with credit for History 139b. Mr. Easum.
- 138a. **The French Revolution and Napoleon, 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. Mr. Hill.
- 138b. **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.
139. **The Age of Imperialism, 1871-1918.** I; 3 cr. Expansions and rivalries of European nations during this period. Prerequisite: Junior standing or consent of instructor.
- 140a. **Economic Development in the 19th Century.** (See VI, Economic and Social History, page 193.)
- 140b. **20th Century Economic History.** (See VI, Economic and Social History, page 194.)
- 142a. **The Emergence of Modern Britain: England Under the Tudors and Early Stuarts, 1485-1660.** I; 3 cr. Cultural, economic, political, and social issues and developments; foreign relations; the background of empire. Prerequisite: History 5 or junior standing. 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. Mr. Sachse.
143. **The British Empire Since 1783.** Yr; 3 cr. British Imperial system and its successor states since the American Revolution; growth of the dominions; the Commonwealth; the dependent empire; the liquidation of empire. Mr. Curtin.
144. **The Reformation.** II; 3 cr. Conflict of secular and religious forces, 1500-1600. Prerequisite: Junior standing or consent of instructor. Mr. Mosse.
145. **European Cultural History, 1500-1815.** Yr; 3 cr. I. Social conditions and their influence on thought and belief; II. Main movements in thought and taste in the 17th and 18th centuries. Prerequisite: History 2, 3, or junior standing. Mr. Mosse.
146. **History of the German People.** Yr; 3 cr. I. Survey of medieval German history; a study of the Renaissance, Reformation, and Thirty Years' War; II. 1648-1871, with 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. Mr. Curtin.

148. **History of Southeast Europe.** Yr; 3 cr. The Ottoman and Hapsburg Empires, 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. Mr. Petrovich.
149. **History of Russia.** Yr; 3 cr. Origins and evolution of the Russian State; political, economic, and social history; relations with foreign countries. From the 9th century to the present. Prerequisite: Junior standing or consent of instructor. Mr. Petrovich.
- 151a. **European Cultural History, 1815-1870.** I; 3 cr. Conflicting cultures of the aristocratic reaction, individualist liberalism and the democratic movement; romanticism and scientific materialism. Prerequisite: History 3 or junior standing. Mr. Mosse.
- 151b. **European Cultural History Since 1870.** II; 3 cr. The liberal faith in the ascendant and in retreat; socialism, authoritarian nationalism, and the new liberalism; the uncertain faith in science and progress. Prerequisite: History 3 or junior standing. Mr. Mosse.
152. **History of Africa.** I; 3 cr. Africa south of the Sahara. The interaction of European and African cultures. Emphasis on the period since 1800. Prerequisite: Junior standing or consent of instructor. Mr. Curtin.
153. **Russian Social and Intellectual History.** Sem; 3 cr. A survey of the main currents of Russian thought in the 18th and 19th centuries. Prerequisite: Junior standing. Mr. Petrovich.
156. **History of Australia and New Zealand.** II; 3 cr. Early settlement, growth of self-government, economic and social policies and progress. Dominion status; foreign relations. Emphasis on period since 1891. Prerequisite: History 5 or junior standing.
159. **The Expansion of Europe.** Yr; 3 cr. Expansion of European culture into the non-European world, seen analytically through a series of case studies. Types of European expansion; dynamics of imperialism; frontier problems; native policies; missionary movements; impact on non-European societies. I. The Pre-Industrial age; II. Since 1815. Prerequisite: Junior standing or consent of instructor. Mr. Curtin.
161. **Economic Development and Cultural Change in Europe.** (See VI, Economic and Social History, page 194.)
162. **Diplomatic History of Europe, 1815-1914.** Sem; 3 cr. The reconstruction of Europe; Near Eastern question; diplomacy of national unification; the Great Powers and imperialism; rise of alliance systems; coming of World War I. Prerequisite: Junior standing. Mr. Hamerow.
163. **Diplomatic History of Europe, 1914-1945.** Sem; 3 cr. Wartime diplomacy; the nature of the peace; League of Nations; collapse of the Versailles System; rise of the Axis; Grand Coalition of Anti-Fascist States. Prerequisite: Junior standing. Mr. Hamerow.
164. **History of Exploration and Geographical Discoveries, 1200-1700.** (See III, Ancient and Medieval History, page 187.)
168. **History of Eastern Asia.** Yr; 3 cr. Survey of the culture, history, and institutions of Far Eastern countries from earliest times to the present. Prerequisite: Junior standing or consent of instructor. Mr. Boardman.
170. **Recent Chinese History.** I; 3 cr. Examination of the process of social change and revolution in modern China. Prerequisite: Junior standing or consent of instructor. Mr. Boardman.

172. **Recent Japanese History.** II; 3 cr. Foreign relations and political, social, and economic development, 1868-1954. Prerequisite: Junior standing or consent of instructor. Mr. Boardman.

174. **History of the Indian World.** Yr; 3 cr. History of the culture and institutions of the peoples of India, Pakistan, Ceylon, and Burma. Prerequisite: Junior standing or consent of instructor.

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. Development of French institutions and civilization, 1789 to the present. Prerequisite: Junior standing or consent of instructor. Mr. Hill.

178. **Recent German History.** Yr; 3 cr. I. The Hohenzollern Empire: its constitution, history, colonial enterprises, and world position; II. Wartime and postwar Germany, Weimar Republic, and the Third Reich. Prerequisites: History 2, 3, or 146, and junior standing. Mr. Easum.

187. **History of Scandinavian Countries.** Yr; 3 cr. Political, economic, and social history of the Scandinavian countries from earliest times to the present. Prerequisite: History 3 or 2, or junior standing.

207. **Modern European History, 1492-1789.** Yr; 3 cr. Lectures, reports, and discussions. Expansion of Europe; Protestant revolt; Catholic reformation; rise of absolutisms; benevolent despots; growth of revolutionary spirit. Prerequisite: Graduate standing.

238. **Seminar in Modern European History.** Yr; 2 cr. Studies centering in France and the Revolution. Mr. Hill.

240. **Seminar in Modern European Economic History.** (See VI, Economic and Social History, page 194.)

258. **Seminar in the History of the British Empire.** II; 2 cr. Aspects of British imperial history. Prerequisite: Graduate standing. Mr. Curtin.

259. **Seminar in 17th Century England.** Yr; 2 cr. Economic, intellectual, political, and social problems of this period. Prerequisite: Graduate standing. Mr. Sachse.

265. **Seminar in Central European History.** Yr; 2 cr. Modern German history and German international relations, with 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. Easum.

268. **Seminar in the History of Eastern Asia.** Yr; 2 cr. Prerequisite: Graduate standing. Reading knowledge of French, Chinese, or Japanese is desirable. Mr. Boardman.

273. **Seminar in 19th Century Europe.** Yr; 2 cr. Mr. Hamerow.

275. **Seminar in Modern Russian and East European History.** Yr; 2 cr. Given in rotation or as demand arises. Prerequisites: Graduate standing and consent of instructor. Mr. Petrovich.

276. **Seminar in European Social and Intellectual History.** Yr; 2 cr. Prerequisite: Graduate standing. Mr. Mosse.

278. **Seminar in the History of European Expansion.** I; 2 cr. Topics in the history of the British, French, Dutch, Spanish, and Portuguese overseas empires. Mr. Curtin.

V. AMERICAN HISTORY

101. **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. Prerequisite: Junior standing. Mr. Jensen.

102. **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; rule of the Federalist Party; rise of Jeffersonian democracy; philosophy and practice of Jeffersonians; War of 1812. Prerequisite: Junior standing. Mr. Jensen.

104. **The Rise of Jacksonian Democracy, 1815-1837.** Sem; 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. **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. Mr. Hesseltine.

106. **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; continuance and decline of sectionalism. Prerequisite: Junior standing. Mr. Hesseltine.

107. **America in Transition, 1877-1901.** Sem; 3 cr. History of the rise of modern industrialism; organization of labor and farmers; disappearance of the frontier; growth of American imperialism and resulting social, constitutional, and intellectual adjustments. Prerequisite: Junior standing. Mr. Beale.

108. **Recent American History, 1901-1929.** Sem; 3 cr. Economic, social, intellectual, constitutional, and political history of the age of big business and international bankers, progressive reform and conservative reaction, assumption of world leadership and retreat from it. Prerequisite: Junior standing. Mr. Beale.

109. **Recent American History, 1929 to the Present.** Sem; 3 cr. Social, economic, and political history of the Great Depression, the New Deal, entry and participation in World War II, and the problems of peace and war since 1945. Prerequisite: Junior standing.

111. **History of the West, 1763-1893.** (See VI, Economic and Social History, page 193.)

112a-b. **Representative Americans.** Yr; 3 cr. A biographical approach to American history; evaluation of the contributions of leading Americans to the nation's development. Offered concurrently with History 12a-b. Prerequisite: Junior standing or an introductory course in American history. Mr. Hesseltine.

113a-h. **History of American Thought and Culture.** Yr; 3 cr. European and American influences on movement of thought, arts, and agencies of cultural life, 17th century to the present, and impact of American ideas on the world. Prerequisite: Junior standing. Mr. Curti.

114. **History of Wisconsin.** I; 3 cr. The history of Wisconsin from the beginning of the historical period to the present; emphasis on economic and social aspects of Wisconsin history since 1815. Prerequisite: History 4 or junior standing. Mr. Hesseltine.

115. **History of American Agriculture.** I; 3 cr. Colonial agriculture and land tenure; western migrations and the dispositions of the public domain; transportation and markets; application of technology and science; regional specialization; agrarian, political and other movements. Prerequisite: Junior standing. Mr. Carstensen.

117a-b. **American Constitutional Development.** Yr; 3 cr. I. Colonial background; framing republican governments; constitutional controversy to 1861; II. Civil War and Reconstruction; social and economic issues; war and the Constitution. Prerequisite: Junior standing.

120a-b. **American Foreign Relations, 1775 to the Present.** Yr; 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. Williams.

121a-b. **Social Development of the American People.** (See VI, Economic and Social History, page 193.)

122a-b. **American Economic Life.** (See VI, Economic and Social History, page 193.)

129a. **Latin-American History to 1825.** I; 3 cr. Pre-Columbian cultures; conquests by Spain and Portugal; socio-economic, cultural, and governmental institutions in colonial life. Background of revolution and wars for independence. Prerequisite: Junior standing. Mr. Curtin.

129b. **Latin-American History Since 1825.** II; 3 cr. History of the culture and institutions of Latin America since independence. Mr. Curtin.

155. **History of Canada.** I; 3 cr. Origins of the Canadian nation; economic, political, and social progress; establishment of independent status; foreign relations. Emphasis on period since federation, 1867. Prerequisite: History 5 or junior standing.

201. **Studies in 18th 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. Hesseltine.

204. **Studies in American Expansion Overseas.** Sem; 3 cr. Prerequisites: Master's degree and consent of instructor.

205. **Studies in Recent American History, 1880-1929.** Sem; 3 cr. The Populist protest, Progressive movement, farm discontent, labor's struggle for recognition, minority groups, rise of industrialism, of imperialism, social 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.** Yr; 2 cr. 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. Curtin.

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. Carstensen.

209. **Studies in American Economic History.** (See VI, Economic and Social History, page 194.)

211. **Studies in Recent United States History, 1929 to the Present.** Sem; 3 cr. Uncasy prosperity, the Great Depression, the New Deal, growth of labor power, minority group problems, Good Neighbor Policy, entry into World War II, America in the Pacific, retreat from isolation, world struggle for power. Prerequisites: Master's degree and consent of instructor.

261. **Seminar in United States History.** Yr; 2 cr. Social and economic problems of the Civil War and Reconstruction periods or in constitutional history. Prerequisite: Graduate standing. Mr. Hesseltine.

262. **Seminar in United States History.** Yr; 2 cr. Social and intellectual history of the United States since 1890. Prerequisites: Graduate standing and consent of instructor. Mr. Curti.

263. **Seminar in American History.** Yr; 2 cr. Studies in 18th century America. Prerequisite: Graduate standing. Mr. Jensen.

269. **Seminar in United States History.** Yr; 2 cr. Studies in American foreign relations. Prerequisite: Graduate standing.

270. **Seminar in American History.** Yr; 2 cr. Studies in recent history of the United States. Prerequisite: Graduate standing. Mr. Beale.

271. **Seminar in United States History.** Yr; 2 cr. Problems in the history of the West. Prerequisite: Graduate standing. Mr. Carstensen.

272. **Seminar in United States History.** Yr; 2 cr. Studies in the economic history of the United States.

290. **Interdepartmental Seminar on Latin America.** II; 2 cr. An interdisciplinary inquiry into the factors influencing the use of resources in various regions in Latin America. Prerequisites: Graduate standing, two semesters of courses on Latin America (or equivalent experience), and consent of instructor. Members of cooperating departments.

VI. ECONOMIC AND SOCIAL HISTORY

40. **History of Modern Capitalism.** 3 cr. Origins and development of the economic institutions of the Western world from the late Medieval period to the present. Advent of rival economic systems in the 20th century. Prerequisite: Sophomore standing. Mr. Cameron.

111a-b. **History of the West, 1763-1893.** Yr; 3 cr. Advance of settlement from the Appalachians to the Pacific; its effect upon economic and social conditions in the country as a whole. Prerequisite: Junior standing. Mr. Carstensen.

113a-b. **History of American Thought and Culture.** Yr; 3 cr. European and American influences on thought, religion, science, arts, and agencies of cultural life, 17th century to the present, and impact of American ideas on the world. Mr. Curti.

121a-b. **Social Development of the American People.** Yr; 3 cr. Development of social institutions and ideas, 17th century to present; impact of immigration, frontier and industrialism on life of the people. Prerequisite: Junior standing. Mr. Wyllie.

122a-b. **American Economic Life.** Yr; 3 cr. Economic development of the United States from the 17th century to the present. Prerequisite: Junior standing.

133. **Economic Life in Europe.** II; 3 cr. Agriculture, industry, and commerce in the Middle Ages and early Modern period. Prerequisite: Junior standing or consent of instructor. Mr. Reynolds.

140a. Economic Development in the 19th Century. 3 cr. The "industrial revolution" in England and its diffusion in Europe and North America. Growth of the world economy; rise of modern imperialism. Political, social, and cultural manifestations of economic change. Prerequisite: Economics-History 40 or equivalent, or graduate standing. Mr. Cameron.

140b. 20th Century Economic History. 3 cr. The world economy before 1914 and its transformation by wars, revolutions, and technical change. Rivalry of contrasting economic systems; growth of economic nationalism in advanced and underdeveloped economies. Prerequisite: Economics-History 40 or equivalent, or graduate standing. Mr. Cameron.

154. History of Religions. Yr; 3 cr. Survey of the major religions of the world. Prerequisite: Sophomore standing. Mr. Boardman and staff.

161. Economic Development and Cultural Change in Europe. II; 3 cr. A case study of the industrialization of continental Europe. Population, food supply, resources, technology and capital formation, social structure, institutions, and government policy. Mr. Cameron.

165. History of Commerce. I or II; 3 cr. Survey of the history of commerce in the Western world from ancient times to the age of steam. Prerequisite: Freshman course in European or English history or junior standing. Mr. Reynolds.

209. Studies in American Economic History. Sem; 3 cr. Prerequisites: Master's degree and consent of instructor.

240. Seminar in Modern European Economic History. Yr; 2 cr. Studies of industrialism and related phenomena since approximately 1750, exclusive of North America. Prerequisite: Graduate standing. Mr. Cameron.

History of Science

Professors CLAGETT, *Chairman*, IHDE; Associate Professor SONNEDECKER; Assistant Professors HIEBERT, STAUFFER

Courses in the history of science are designed to give a general knowledge of the development of science, its fundamental ideas, men, and 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.

Major. 32 credits of historical work and one year of advanced work in a department within the Divisions of Biological Sciences or Physical Sciences.

For the historical work at least 22 credits must be offered from the history of science courses listed under Group A, and at least 6 credits from the history courses listed under Group B. 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 major in the History of Science must have his program approved by the department. If he is considering advanced work in the field, he should make early plans to acquire the foreign languages necessary as tools for research.

GROUP A

History of Science

1a-b. Introduction to the History of Science. Yr; 3 cr. I. Development of science in the period from antiquity through the Age of Newton; II. From the latter period to the early 20th century. Prerequisites: One year of laboratory science; sophomore standing. Mr. Clagett, Mr. Hiebert, Mr. Stauffer.

120a-b. Ancient and Medieval Science. Yr; 3 cr. I. Development of science in antiquity from its Egyptian and Babylonian origins through the rise and decline of Greek science; II. Transmission of science through Islam to the West and its development there through the 16th century. Prerequisite: Hist. Sci. 1 or consent of instructor. Mr. Clagett.

130. Galileo and His Forerunners. Sem; 3 cr. Contributions of Galileo to the development of modern science by an examination of his writings, his principal antique and medieval predecessors and immediate successors. Prerequisite: Hist. Sci. 1a 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: Hist. Sci. 1 or consent of instructor. Mr. Stauffer.

170. Modern Science. Sem; 3 cr. Expansion of science from the chemical revolution of Lavoisier to the 20th century. Prerequisite: Hist. Sci. 1 or consent of instructor. Mr. Stauffer.

***180 or *280. Special Work.** *cr. Advanced students may, by consent of the professor, arrange for special out-of-class work, with 1 credit allowed for the equivalent of each full week's work devoted to the project.

190. Physical Science and Thought in the 19th Century. Sem; 3 cr. A study of major experimental and theoretical advances in the physical sciences in the 19th century; emphasis on their social consequences and influence on philosophical thought. Prerequisite: Hist. Sci. 1 or consent of instructor. Mr. Hiebert.

***205. Seminar. I, II; 3 cr.** (Ancient, medieval, or early modern science.) Primarily for graduates. Prerequisite: Consent of instructor. Mr. Clagett.

***210. Seminar. I, II; 3 cr.** (Early modern or modern science.) Primarily for graduates. Prerequisite: Consent of instructor. Mr. Stauffer.

***215. Seminar. I, II; 3 cr.** (Modern physical science.) Primarily for graduates. Prerequisite: Consent of instructor. Mr. Hiebert.

History of Special Sciences

107. History of Chemistry. II; 2 cr. Examination of the development of chemical knowledge from the chemical arts of antiquity through alchemy to the nuclear age. Emphasis on the contributions to fundamental theory by Lavoisier, Dalton, Kekulé, Van't Hoff, and Rutherford. Prerequisite: Chem. 11, 120, or consent of instructor. Mr. Ihde.

158. History of Pharmacy. I; 3 cr. Development of pharmacy in the principal countries of Europe and the United States. Mr. Sonnedeker.

159. History of Pharmacopoeias. II; 2 cr. Survey of the development of official pharmaceutical standards. Prerequisite: Senior standing. Mr. Sonnedeker.

160. Pharmaceutical Literature. II; 2 cr. Evolution of pharmaceutical literature and its influence on the development of the profession. Mr. Sonnedeker.

***207. Seminar. I, II; 3 cr.** (History of chemistry.) Prerequisites: Graduate standing and consent of instructor. Mr. Ihde.

* These seminars will vary in subject matter; they may be taken more than once for credit.