# 827. Seminar in Health, Physical Education and Recreation

Winter, Spring. 1(1-0) May reenroll for a maximum of 6 credits in master's program. HPR 808 or concurrently.

Research seminar for master's and doctoral candidates. Primary attention given to the review of students' theses and research problems.

## 828. Laboratory Orientation

Laboratory techniques with emphasis on maintenance, calibration and operation of laboratory instruments.

# 829. Supervision of Physical Education

Winter. 3(3-0) Approval of department.

Techniques of supervision and their application in improving the teacher-pupil learning situations. Problems met by supervisors in elementary and secondary schools with class participation in solving them.

## 830. Motor Skill Learning

Winter. 3(3-0)

Research and theory of learning and performance applied to gross motor skills. Emphasis on the neuromuscular and cybernetic bases of motor skill acquisition.

# 832. Systems Approach to Program Planning

Winter, 3(3-0) HPR 809 or approval of department.

Principles and practices related to systems apparatus, accountability models and innovative planning techniques in curriculum and program planning. Systems applied to design of physical education and recreation programs for handicapped.

# 833. Evaluation of Systems Designed Programs

Spring, 3(3-0) HPR 832 or approval of department.

Content and design of evaluation plans for physical education and recreation programs for the handicapped using systems approaches. Consideration of psycho-metric tools; basic research, evaluation and measurement techniques.

## 835. The Application of Psychology to Physical Education and Athletics I

(814) Fall. 3(3-0).

Sport psychological research findings in the areas of motivation, feedback, reinforcement, expectations and modeling.

### 836. The Application of Psychology to Physical Education and Athletics II

Winter, 3(3-0)

Social psychology of sport. Research findings in the areas of aggression, attitude development and personality. Moral development and sports socialization.

## 837. Biomechanical Analysis of Physical Activity I

Winter, 3(2-2) Approval of depart-

ment.

Study of mechanical and anatomical characteristics of physical skills through the use of such investigative and research tools as visual observation, still photography, stroboscopic photography and high speed cinematography.

## 838. Biomechanical Analysis of Physical Activity II

Spring. 3(2-2) HPR 837 or approval of department.

Study of mechanical and anatomical characteristics of physical skills through the use of such investigative and research tools as electromyography, electrogoniometry, force recording devices and multiple instrumentation systems.

# 840. Physical Education and Recreation for the Physically Handicapped

Spring. 3(2-3) HPR 251, HPR 260.

Physical education and recreation therapy of the physically handicapped with problems concerned with cerebral palsy, paraplegics, amputees, cardiac, diabetic, asthmatic and low level physical fitness conditions.

# 842. Training and Consultation Techniques

 $Fall. \ 3(2\text{-}2) \ HPR \ 809, \ HPR \ 832, \ HPR \ 833 \ or \ approval \ of \ department.$ 

Techniques in staff training, workshops and consultation for professionals in physical education and recreation for the handicapped. Assessment of training needs, preparation of materials, delivery and evaluation.

## 850. Individual Study

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of department.

# 852. The Curriculum in Physical Education

Spring. 3 credits.

Principles and content of physical education curricula in schools and colleges.

## 860. Administration of Physical Education in Schools and Colleges

Fall, Summer. 3(3-0)

Designed to familiarize majors in this and other areas with administrative problems incident to high school and college programs of physical education for men and women.

## 879. Internship

Fall, Winter, Spring, Summer. 3 to 9 credits. May reenroll for a maximum of 9 credits. Approval of department.

Internship experience under the guidance and supervision of MSU faculty and intern consultants. Involves a variety of activities. Satisfies departmental required option. Proposal must be reviewed by faculty Review Board.

# 882. Seminars in Health, Physical Education and Recreation

Fall, Winter, Spring. 1 to 5 credits. Approval of department.

Seminars in various fields of emphasis.

## 884. Directed Laboratory Experience

Fall, Winter, Spring. 2 to 5 credits. May reenroll for a maximum of 9 credits except in combination with HPR 879. Students receiving credit in HPR 879 are limited to combined total of 6 credits in HPR 884 and HPR 885. Approval of department.

Supervised laboratory experience for master's candidates.

## 885. Directed Field Experience

Fall, Winter, Spring. 3 to 9 credits. May reenroll for a maximum of 9 credits except in combination with HPR 879. Students receiving credit in HPR 879 are limited to a combined total of 6 credits in HPR 884 and HPR 885. Approval of department.

Supervised field experience in schools and other institutions for master's candidates.

# 889. Project in Health, Physical Education and Recreation

Fall, Winter, Spring, Summer. 2 to 6 credits. May reenroll for a maximum of 6 credits, Approval of department.

Satisfies departmental required option. Proposal must be reviewed by faculty Review Board.

## 899. Master's Thesis Research

Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 9 credits. HPR 804 or concurrently; approval of department.

## 950. Individual Study

Fall, Winter, Spring, Summer. 2 to 12 credits.

## 984. Directed Laboratory Experience

Fall, Winter, Spring. 2 to 15 credits. Doctoral candidate; approval of department. Supervised laboratory experience for doctoral candidates.

## 985. Directed Field Experience

Fall, Winter, Spring. 3 to 15 credits. Doctoral candidate; approval of department. Supervised field experience in schools and other institutions for doctoral candidates.

## 999. Doctoral Dissertation Research

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

## **HEBREW**

See Linguistics and Oriental and African Languages

## HISTORY

HST

## College of Arts and Letters

## 111. The Roots of European History (A)

Fall, Winter, Spring, Summer. 4(3-1)

The ancient world and early medieval Europe: origins and development of civilization in the ancient Near East; Greek and Roman civilizations; the collapse of Rome; the early Middle Ages.

# 112. Maturing of European Civilization (A)

Fall, Winter, Spring, Summer. 4(3-1)

Europe from the twelfth to the eighteenth century; religion, science, statecraft, and society in their medieval synthesis, early modern expansion and renewal, and self-modernization in the Enlightenment.

### 113. Europe in the Modern Age (A)

Fall, Winter, Spring, Summer. 4(3-1)

From the French Revolution to the present: industrial and democratic revolutions; nationalism, liberalism, and socialism; the rise of mass society; imperialism, war and communism; totalitarianism; the warning of European supremacy.

#### 121. Union to Disunion: America, The First Hundred Years (A)

Fall, Winter, Spring, Summer. 4(4-0)

Inquiry into the major problems confronting the new nation and their consequences for American development; establishment of republican government, economic growth, westward expansion, reform movements, slavery, Civil War.

## 122. History of the United States: The Nation State (A)

Fall, Winter, Spring, Summer. 4(4-0)

Nature of American history since 1877. Through a combination of readings, lectures and discussions, the student derives some understanding of both facts and meaning of history, and methodology of the historian.

#### 123. America in Crisis: A Case History

Spring. 4(4-0)

Intensive study of one critical episode in modern American history, focusing on documentary evidence. Major themes include the expansion of corporate capitalism, workers' culture, and political reform.

#### 133. The United States in World Affairs

American foreign relations during and after World War II, recent relations with Asian countries, West Germany, the Soviet Union, and America's reaction to the Middle East question.

Winter, 3(3-0) Not open to history

### 140. Introduction to the History of Japan

Fall. 4(4-0)

Introduction to the main events of Japanese his-

#### 151. Introduction to the Study of History

Fall, Winter, Spring. 3(3-0) Open only to Freshmen and Sophomore history majors. Intensive study of a major piece of historical writing in a variety of contexts to introduce majors to the discipline and to prepare them for extensive work in the Department of History.

#### American Biography 231. Winter. 4(4-0)

Lives of interesting individuals who have helped shape the course of American history along with discussion of the nature, method, problems and impact of the biographical approach to history.

#### 235. Military History of the United States

Fall. 3(3-0)

Evolution of United States military policy with emphasis on the causes and conduct of wars, the democratization of war, the implications of the industrial, managerial, and scientific revolutions and the quest for peace.

#### 242. Economic and Business History

Fall, Winter, Spring. 3(3-0)

Survey of major changes in the American economy since the middle of the 19th century, including transportation, industry, labor, finance, and marketing. Role of private business and government in economic change.

## American Urban History

Fall. 4(3-0) Interdepartmental with and administered by James Madison College.

The evolution of cities, from the Industrial Revolution. Particular stress will be placed upon the processes of urbanization, and upon the social, economic, and political aspects of American urban history.

#### IDC. Introduction to Contemporary China

For course description, see Interdiscplinary Courses.

#### 284. Immigration, Assimilation and Pluralism

Spring of odd-numbered years. 4(3-0) Interdepartmental with and administered by James Madison College.

The dynamics of immigrant group integration in American history and the implications of the immigrant experience for the creation of a deversified American social structure and nationality.

### 286. The African Experience

Fall, Spring. 4(4-0)

Highlights of the main events in African history from prehistoric times to the present. Designed for those who seek general knowledge of Africa and for others who wish to enter the HST 392 sequence.

#### 293. The Far East: Its Peoples and Cultures

Fall, Winter, Spring. 4(4-0)

Highlights of historical developments of China, Korea and Japan, their cultural similarities and dissimilarities, and their contemporary issues and problems.

## History of the Natural Sciences Since 1500 298.

Winter, 4(4-0)

The nature of scientific discoveries. Development of modern science. Scientific paradigms and the case-history method used to study development of the natural sciences in their social and intellectual contexts.

## 300H. Honors Colloquium-History as an Intellectual Discipline

Fall. 4(4-0) Approval of department.

Basic methods and techniques of historical research for honors students intending to do an honors thesis. Treatment of philsophical issues connected with historical studies.

#### United States Constitutional 301. History

Fall. 4(4-0)

Development of the main themes in the American constitutional system, from the colonial period through the Civil War. Emphasis on the formation of the Constitution, the role of the Supreme Court, and the secession crisis.

#### 302. United States Constitutional History

Winter. 4(4-0)

Continuation of HST 301. American constitutionalism since 1865. Functioning of the constitutional system under the strains of reconstruction, industrialism and urbanism, nationalism and war. Postwar trends in liberty and equality. The Supreme Court and the modern Presidency.

## History of American Foreign Policy

Fall. 4(4-0)

Foundations of American foreign policy: neutralism, the Monroe Doctrine, expansionism, emergence of the United States as a great

#### 307. History of American Foreign Policy

Fall, Winter, Spring. 4(4-0)

The United States as a great power: change and continuity in the twentieth century.

#### American Foreign Policy and 308.East Asia

Spring. 4(4-0)

A history of the relations between Americans and East Asians from the American Revolution to the war in Vietnam. Emphasis will be placed on American policy toward China and Japan since 1898.

#### 309. The Black Man in the Americas: Varieties of Slavery

Fall. 4(4-0)

A study of the West African societies from which the majority of Negro Americans came and of the patterns of slavery that evolved in the New World. Emphasis on the sociology of slavery in the New World aimed at revealing both the peculiar and universal aspects of American slavey. Study of the development of segregation in antebellun North and of the Negro role in the abolitionist attack on slavery and segregation. The course will end with the passage of the 13th amendment in 1865.

#### 310. The Black Man in the United States: Since Emancipation Winter. 4(4-0)

Continuation of HST 309. Study of the interaction between Negro Americans and the larger society from 1865 to the present. Examination of the limitations of reconstruction, the Negro in the New South, the impact of urbanization, the evolution of the Negro family, the Negro in business and as worker, the changing legal status of the Negro American, the Negro in American politics, the American Negro and Afro-Asian peoples, the response to discrimination, the civil rights movement, and the Negro revolu-

#### 313. A History of Black Women in America

Winter, Summer. 4(4-0)

The activities of black women in the United States from the middle of the 19th century to the present.

#### 314. Canada

Fall. 4(4-0)

Canada as a French colony to 1760. Political and economic developments in British colonies 1760's-1840's. Confederation 1867. Nationalism, anti-Americanism, French-English tensions to 1920's. Contemporary Canada.

#### Rise and Decline of the Latin 317. American Empires

Fall. 5(5-0)

Latin America from the pre-conquest period to the end of the early nineteenth century independence movement. The political, econonmic and social systems operating in the Spanish and Portuguese colonies, and the forces which created a group of new nations as the empires disintegrated.

### 318A. Latin America in the National Period

Winter, 5(5-0)

General survey, emphasizing political history, with particular attention to the major countries. Those elements which have been somewhat common to all countries (dictatorship, oligarchical control, 'latifundia,' anti-clericalism, social stratification, retarded economic devolopment) are examined in some detail.

## 318B. Latin America in the Contemporary Period

Spring. 5(5-0)

Political and economic trends in major South American states since end of national period: land reforms, insurgency, economic development, militarism. Rise of social movements since 1945.

#### Latin America in World Affairs 319. Winter. 5(4-0)

Factors influencing relations between selected countries in Latin America and the rest of the world, including the United States; economic growth and change, commercial relations, participation in international organizations, and intra-Latin American problems.

#### History of Michigan 320.

Winter, 3(3-0)

Political economic and social evolution of the State in its relation to national history.

### 321. History of Mexico, Cuba, and Central America

Winter. 4(4-0)

Mexico from independence to the present. Nineteenth-century political and social conflict; economic dislocation; the Diaz dictatorship and the 1910 revolution. Cuba and Central America from the Monroe doctrine to Fidel Castro.

#### Economic History of Brazil 322. Spring, 4(4-0)

Brazilian economy from 1500 to present. Slavery and its economic impact, the coffee economy, the struggle for industrial development. The economy of modern Brazil.

#### The Intellectual History of the 325.United States

Major political, economic, religious, and philosophical ideas that have affected the course of American national life.

#### 326. The Intellectual History of the United States

Winter. 3(3-0)

Continuation of HST 325.

#### The Intellectual History of the 327.**United States**

Spring. 3(3-0)

Continuation of HST 326.

#### 328. History of the Early American Frontier

Fall. 3(3-0)

The westward movement from its beginnings in the early 17th century to about 1820. Movement of population into the area between the Atlantic Ocean and the Mississippi River and its economic, political, social and cultural consequences.

#### 329.History of the American West Winter. 4(4-0)

The westward movement during the period from about 1820 to the end of the nineteenth century. Movement of population into the trans-Mississipi West and its significance in the life of the nation. Development of the West as a distinct region in the 19th and 20th centuries.

#### 330. Colonial America to 1725 Fall. 4(4-0)

The European background, the settlement and growth of the mainland British colonies up to 1725 with emphasis on the development of stabilizing social and political structures.

#### 332. Revolutionary America 1725-1789

Fall, Winter, Spring. 4(4-0)

Revolutionary political culture and its constitutional consequences set in the context of changing social and economic conditions. Causes of Revolution. Emergence of the 1787 Constitution.

## The Era of Jefferson and Jackson: The Problems of 333. Nation-Building, 1790-1845

Spring. 4(4-0)

Manifestations and consequences of change in the early U.S. Concentration on problems of political development, economic expansion, definition of progress, social reform and religious ferment, slavery, and the roots of intersectional conflict.

#### 334. The American Civil War Winter, Spring. 4(4-0)

Conflict between North and South from the age of Jackson to Appomattox. The intensification of the sectional struggle, secession, principal mili-tary campaigns, major wartime problems of the Union and Confederacy, and the significance of the Civil War in American history.

## The United States, 1865-1900 Spring. 4(4-0)

Economic, political, social, and intellectual changes in the United States during the generation following the Civil War, a generation which laid the foundations of twentieth century America.

## 335A. The Progressive Era Fall. 4(4-0)

Study of origins, development, and collapse of the Progressive Movement, and of related economic, political, and social forces in early twentieth century United States history.

#### 336. Recent American History Winter, Spring. 4(4-0)

First World War.

Political, social and economic trends since the

#### 337.American Social and Economic History: Foundations

Winter. 4(4-0) Interdepartmental with the Department of Economics.

Multiple sources of economic growth in economic, social and political change, education, science and technology, political action, and other factors, mid-nineteenth century.

#### 338. American Social and Economic History: Modern Trends

Spring. 4(4-0) Interdepartmental with the Department of Economics.

Urbanization, origins and implications of largescale organizations in business and other sectors of society, and sources of economic growth since mid-nineteenth century.

### 340. History of International Relations: 1870-1919

The Bismarckian system and its break up; problems of imperialism; emergence of the United States and Japan as world powers; formation of rival alliance systems in Europe; origins of World War I, etc.

#### History of International 341. Relations: 1919 to the Present

Spring. 4(4-0)

Post-World War I problems; East Asian prob-lems; origins of World War II, the diplomacy of the War; the Cold War; major problems of the 50's and 60's.

## 342A. Intellectual History of Modern Europe

Fall. 4(4-0)

Intellectual life of Europe in the seventeenth and eighteenth centuries, with reference to the Medieval background and with emphasis on the scientific revolution and the Enlightenment as a cultural synthesis.

## 342B. Intellectual History of Modern Europe

Winter. 4(4-0)

European thought and culture in the nineteenth century, continuation of Enlightenment tradition, emergence of romanticism, developmentalist perspectives in science literature, and social theory, and turn-of-the-century cri-

## 342C. Intellectual History of Modern Europe

Spring. 4(4-0)

European thought in the twentieth century. Emphasis on cultural despair, new science and breakdown of other traditional patterns of thought. Attempts at intellectual reconstruction such as feminism, existentialism, structuralism.

#### History of England to 1472 343.

Winter of even-numbered years. 4(4-0)

Survey of English History to the restoration of Edward IV. The principal political, social and economic developments of England from the period of Roman Conquest to the later middle ages.

### 344. History of England, 1472 to

Winter of odd-numbered years. 4(4-0)

Survey of the principal political, social and economic developments of English history from the period of the restoration of Edward IV to the Glorious Revolution of 1681.

#### 345. England, 1688-1837 Fall. 4(4-0)

The Revolution of 1688, the last Stuarts, and the House of Hanover. The growth in the power of the House of Commons, foreign affairs, the development of industrialism and scientific agriculture, the growth of the Empire, and England in the era of the French Revolution and Napoleon.

## 346A. Victorian Britian, 1837-1901 Winter. 4(4-0)

A study of Britain in Victorian times, emphasizing the great public figures of the age, economic thought and public finance, foreign affairs, Ireland, imperialism, and the growth of social welfare philosophy.

# 346B. Britain in the Twentieth Century

Spring. 4(4-0)

Britain in the twentieth century. A study of British society in the age of collectivist politics, emphasizing the decline of liberalism and the rise of labour, Britain's participation in two World Wars and their consequences for her international position, and certain mental aspects of the adjustment to the welfare state.

## 347. Women in Industrial Society Spring, 3(3-0)

The experience of women in the transition from traditional society to the twentieth century. Emphasis on social and economic aspects, including women's work, demographic change, the family, and collective behavior.

## 348. Constitutional and Legal History of England to 1485

Fall, Winter of even-numbered years. Spring of odd-numbered years. 4(4-0)

Important legal and constitutional developments in the history of England to 1485. Special emphasis will be placed on the development of the principles of the common law.

## 349. Constitutional and Legal History of England from 1485

Fall, Winter of odd-numbered years. Spring of even-numbered years. 4(4-0)

Important constitutional developments of England from the accession of the Tudors. Special emphasis will be placed on the development of the principles which evolved from the Stuart revolution and which underlie the modern constitution.

## 350. Ancient History

Fall. 3(3-0)

Ancient peoples of the Near East: Egyptians, Mesopotamians, Assyrians, Persians, Hebrews. Contributions to later civilizations.

## 351. Ancient History

Winter, 3(3-0)

Aegean civilization and Greek civilization from Homeric times to Roman conquest of the Hellenic world. Contributions of the Greeks to modern Western civilization.

## 352. Ancient History

Spring. 3(3-0)

Rome from B.C. 753 to A.D. 337. Political, legal and cultural contributions to later civilizations and the founding, growth and triumph of Christianity.

# 354. Early and High Medieval Civilization

Fall. 4(4-0)

Analysis of major developments in Western Europe, 300-1300, emphasizing unique institutional, religious and cultural patterns in medieval Western Europe and those aspects of society that had an enduring effect on European civilization.

## 355. Late Medieval and Renaissance Civilization

Winter, 4(4-0)

Analysis of the period transition in Europe, circa 1300-1500, treating especially decline of medieval institutions and emergence of modified alternatives during the Renaissance. Emphasis on contrasts between Italy and Europe north of the Alps.

# 356. The Age of Reformation Fall, Spring. 4(4-0)

Political, economic, intellectual and religious background of the Reformation; the Protestant and the Roman Catholic Reformation; and the Wars of Religion.

## 358. Europe in the Seventeenth Century

Winter, Spring. 4(4-0)

Scientific revolution and its social, religious, and intellectual context; the growth of the bureaucratic, centralized state, with attention to the economic, social, and political problems which it faced.

## 360. Political History of Western Europe Since 1500

Fall. 4(4-0)

Main currents in Western European political history since the Renaissance. Primary emphasis on nature and significance of political changes with assessments of culture, religion and economics as these affect politics.

## 363. The Era of the French Revolution

Fall. 3(3-0)

Intellectual Revolution of the eighteenth century, the Old Regime, the French Revolution, and the Napoleonic Era.

## 364. Europe from 1815 to 1870

Winter. 3(3-0)

Growth of nationalism and liberalism, founding of Italy and Germany as great powers, impact of science and industrialism on European thought and society.

## 365. Europe from 1870-1914 Spring. 4(4-0)

Fundamental features of Europe at the height of its world power, including comparison of political systems, industrialization, social movements, imperialism, cultural developments and the origins of World War I.

# 366. Europe in the Twentieth Century

Winter. 4(4-0)

Salient features of Europe's 20th century crises; World War I and the Russian and German revolutions, peace treaties, war and its cultural consequences, analysis of Fascist regimes, World War II and Europe's collapse.

## 367. Imperial Russia

Fall. 4(4-0)

The Russian Empire from Peter the Creat. Modernization, serfdom and emancipation, autocracy and the origins of the Tsarist police state. Early revolutionary movements.

## 369A. The Russian Revolution Winter, 4(4-0)

Decline of Tsarist Russia; growth of revolutionary movement; Revolution of 1905; Russia in World War I; Revolution of 1917; foundation of Soviet state; Civil War and intervention; New Economic Policy.

## 369B. Soviet Russia Under Stalin Spring. 4(4-0)

Foundation of Soviet power; succession crisis after Lenin's death; consolidation of Stalin's dictatorship; industrialization and collectivization; The Great Purge; Russia in World War II; Stalin's final years; dc-Stalinization after 1953.

# 370A. Foundations of Soviet Foreign Policy

Fall. 4(4-0)

Leninist principles of Soviet Foreign policy; Comintern and World revolution; collective security and nonaggression; Nazi-Soviet alliance; Grand Alliance in World War II.

# 370B. Soviet Foreign Policy in Recent Times

Spring. 4(4-0)

Soviet nuclear power; origins of Cold War; Soviet-Yugoslav conflict; Sino-Soviet split; Soviets in Middle East; strategic Arms Limitation negotiations; U.S.-Soviet detents; future prospects.

## 371A. European Economic History to 1800

Fall. 4(4-0) Interdepartmental with the Department of Economics.

Economic history of medieval and early modern Europe stressing the nature of agrarian societies, the growth of cities, the divergence of the European economies, and the Industrial Revolution in England.

## 371B. European Economic History after 1800

Winter. 4(4-0) Interdepartmental with the Department of Economics.

The industrialization of Europe stressing urbanization, national rivalry, problems of the maturation of capitalist institutions, and the social and ecological impact of economic growth in the twentieth century.

# 372A. China and the Western Invasion Fall. 4(4-0)

China from the late 18th century to the Revolution of 1911; the advance of Western imperialism; the Opiun Wars; the Taiping Rebellion; collapse of the old order; imperialist rivalies in East Asia and the birth of Chinese nationalism.

## 372B. History of Twentieth Century

Winter. 4(4-0)

Major political and social developments since 1900 with emphasis on the Republican period until the end of World War II.

### 372C. Rise of Chinese Communism, 1919 to Present

Spring. 4(4-0)

The origins and development of Chinese Communism since the end of World War I. The collapse of the traditional order and the search for new values; the Russian Revolution and the impact of Leninism on China; the nationalist Revolution and civil war in the 1930's; the 'United Front' against Japan and the rise of Mao Tsetung; Party purges and the 'People's Republic'.

## 373A. Germany in the Nineteenth Century

Winter. 4(4-0)

The old regime; revolution; liberalism, romanticism, nationalism; creation of the German Empire; industralization, urbanization, the rise of labor; militarism; imperialism. Social, cultural, intellectual factors in addition to politics and diplomacy.

Courses

### 373B. Germany in the Twentieth Century

Spring. 4(4-0)

First World War; founding of the democratic republic; inflation, stability, depression; Nazi totalitarianism and aggression; post-war reconstruction and the cold war; Stalinism and the 'new class' in the east.

#### 378. Muscovite Russia

Fall of even-numbered years. 4(4-0)

The rise of Muscovy; the elimination of Mongol hegemony; Tsarism and Orthodoxy; the Time of Troubles; Westernization and the religious schism in the seventeenth century.

## 379A. France in the Nineteenth Century

Fall, Winter. 3(3-0)

Political, diplomatic, economic, social, philosophical, and cultural developments from 1815 to 1914. Emphasis on institutions, values, and formative experiences.

## 379B. France in the Twentieth Century Winter, Spring. 3(3-0)

Political, diplomatic, economic, social, philosophical, and cultural developments from 1914 to the present. Emphasis on the shattering of old institutions and values and the search for replacements.

#### 381. Medieval Eastern Europe and Russia

Winter. 5(5-0)

Byzantium; conversion of Slavs, Kievan Rus, emergence of feudal kingdoms in Hungary, Poland-Lithuania, and Bohemia; 'second serf-dom', decline of medieval East Europe with focus on Hapsburg dominions and Poland.

#### 382. Modern Eastern Europe

Spring. 5(5-0)

Enlightened Despotism, Revolution, and Reaction in Central Europe and Poland; the 'Eastern Question'; and constitutional development and political problems of Austria-Hungary; interwar Eastern Europe; problems of the Soviet intrusion after 1945.

## 383A. History of the Far East Fall. 4(4-0)

Major historical developments from earliest times to about the middle of the 17th century. ranging from ancient legends to the forming of the traditional states in the area.

## 383B. History of the Far East Winter, 4(4-0)

Developments from the 17th century, strong reactions to the increasing pressures from the West, the growth of Japanese power, impact of the two world wars and the establishment of the Communist regime in mainland China.

### 385A. Intellectual History of China Winter, 4(4-0)

Moral, social, political and economic ideas that have affected the course of China's national life and China's relation with the world. From the time of antiquity to the formulation of Neo-Confucianism; emphasis on the Classical and Sung periods.

## 385B. Intellectual History of China Spring, 4(4-0)

Continuation of HST 385A. The Ming dynasty to the present with emphasis on the leading thinkers of the 19th and 20th centuries.

## 387A. History of Japan until the Early 19th Century

Winter, 4(4-0)

Japanese history from earliest times to the late Tokugawa period. Emphasis on political and social institutions and ideas.

## 387B. History of Modern Japan

Spring. 4(4-0)

Japanese history from the middle of the 19th contury to the post World War II period. Emphasis on political and social institutions, ideas and movements.

#### 390. British Empire 1783-1950

Winter. 4(4-0)

British expansion after 1783. Economic and strategic factors. Britain and India. The scramble for Africa. Race relations. Comparisons with other imperial powers. Decolonization after

#### 392.African History to 1500 Fall. 4(3-0)

Sources and methods in African history, Human and physical geography. Early Stone Age Man. Egypt, Kush, Axum, Carthage, Roman North Af rica. Spread of ironworking, agriculture, animal husbandry, long-distance trade. Bantu expansion and state-building. Early Islamic polities.

## African History from 1500 to 1875 393.

Winter. 4(3-0)

Forest states of West, Central Africa. Early European penetration and African resistance. Ottoman period in North, Northeast Africa. Atlantic slave-trade, 'legitimate' foreign commerce. The Mfecane in Southern Africa. Comcessionaires, missionaries.

#### 394. Modern Colonial Africa

Spring. 4(3-0)

Final partition of the continent by Europeans. The new racism. Origins of national movements. Pan-Africanism and the contribution of American Negroes. Trusteeships and the world war aftermath. International communism and the colonial question. Second world war and the 'students' era'.

#### 395. The Traditional Middle East Winter, 4(4-0)

Survey of Ottoman history from the first appearance of the Turks in Europe in 1356 until the reign of Selim III and the French Revolution. The impact of the Ottoman on European history, relations with the Russian and Hapsburg Empires, the develoment of a multinational empire comprising Turks, Slavs, Greeks, and Arabs.

## The Modern Middle East

Spring. 4(4-0)

Recent history of principal nations in Near East and part played in modern political and economic conflicts.

## Islamic History in the Classical Age 500-1250 398.

Fall. 4(4-0)

The Muslim world from Muhammad to the Mongol invasions. Islamic empires and community. Relations with Europe and Asia. Court life. Social and economic developments

#### Approaches to American History 401. Fall, Spring. 3(2-0)

Lectures on various approaches to the study of American history. Taught by several historians, each considering significant trends and new developments within his speciality. Independent, but guided, reading programs will be required.

#### 402. History of the Corporation in Modern America

Fall. 4(4-0)

Institutional changes in economic decisionmaking since the 19th century. Origins and growth of big business. Administration of the giant corporation. Approaches to the monopoly problem. Role of labor unions. Economic role of the military.

#### 403. History of Sport in America: Colonial Times to the Present

Spring. 3(3-0) Juniors.

Nature of sport in colonial times, the social and cultural ramifications. Sport in the nineteenth century as an aspect of popular culture in America. The rise of organized sport. The social significance of sports in modern America.

## History of the Welfare State in Modern America

Spring. 4(4-0) Juniors.

Analysis of basic changes in concepts and standards of economic welfare in America over past century. Economic, political and social aspects of welfare since 1930.

#### 405. American Society and Culture Since 1945

Spring. 4(4-0) Juniors.

Major topics in American social and cultural history since 1945, such as anticommunism, religion, blacks, women, youth, intellectuals, social protest, the counter culture, economic and ecological thought, and popular culture.

#### 406. Environmental History

4(4-0) Juniors. Winter. departmental with the Department of Anthropology.

History of the impact of human societies on the natural environment. Effect of human induced environmental change on the history of various peoples. Global, thematic approach with enphasis on Europe and America since the 16th century.

#### European Urban History 408. Winter, 4(4-0) Juniors.

periods.

Development of cities in Western Europe, with emphasis on changes in urban forms and in urban living from the medieval to modern

#### 409. History of Modern European and American Medicine

Winter, Spring. 4(4-0) Juniors.

Ancient and medieval background, socioeconomic and intellectual historical contexts, the clinical perspective, sectarian competition, institutionalization of scientific medicine, and comparative health policies and systems.

### History of Quebec Since 1867 414. Spring. 4(4-0) Juniors.

Quebec society and politics from 1867 to the present. The response to Canadian Confederation 1867-1914. The rise of modern nationalism, the Quiet Revolution of the 1960's and the contemporary situation.

#### History of Scotland Since 1057 416. Winter, 4(4-0) Juniors.

The peoples of early Scotland. Society, politics and culture in medieval times. Economic development from the 16th to the 18th centuries. Modern Scotland and the emergence of Scottish nationalism.

#### 421. Modern European Jewish History

Fall, Winter. 4(4-0) Approval of department or any 300 level history course.

History of European Jewry since the partitions of Poland. Topics include Napoleonic emancipation, Jewish liberalism and banking, crisis of assimilation in 1890's, Zionism, Hitlerite anti-Semitism, recent problems.

#### 425. The Age of Michelangelo

Spring. 4(4-0) Approval of department. Interdepartmental with Italian and the Department of Art. Administered by the Department of Art.

Art, society, and literature in the Italian Renaissance, focussing on the art and poetry of Michelangelo as expressions of the events and concerns of his time.

#### 426. Humanistic Perspectives on Global Diversity and Interdependence

Fall. 4(4-0) Juniors or approval of department. Interdepartmental with the Department of Anthropology.

Anthropological and historical analysis of global diversity and interdependence since the 16th century.

### 427. Contemporary Issues In Global Interdependence and Change

Winter. 4(4-0) HST 426 or approval of department. Interdepartmental with the Department of Anthropology.

Interdependence of the modern world since 1945. Focus on such issues as the impact of the West on the non-western world, industrialization, modernization, population and natural resources.

#### 428. Project in Global Studies

Spring, 4(4-0) HST 426 or HST 427 or approval of instructor. Interdepartmental with the Department of Anthropology.

Supervised project to test students' competence in applying the cultural and historical diversity/ interdependence frameworks introduced in the prerequisite courses.

#### History of the American Legal 430. Profession

Spring, 4(4-0) Juniors.

The function and place of lawyers in American Society from colonial times to the present. The emergence of professionalism. Sources of antilawyer sentiment. The origins of conflict within the modern bar.

#### The Law in Colonial America 43I. 1607-1776

Winter. 4(4-0) Juniors.

The development of American legal doctrines and institutions, in relation to the English and European background and changing social and economic circumstances; emphasis on such areas of private law as property and contracts.

## 435. History of Southern Africa Since

Spring. 4(4-0) Juniors.

Peoples and States of Southern Africa, including Zimbabwe/Rhodesia, since 1800. African resistance in the 19th century. The Boer-British conflict. Modern South Africa since 1910.

#### 436. West Africa in the Era of the Slave Trade

Spring, 4(4-0) Juniors.

Politics, economy, culture and societies of West Africa from 1500 to 1850. The impact of the trans-Atlantic Slave Trade. The roots of Afro-American culture.

#### 439. Topics in American History for Secondary Education Majors

Winter, 4(4-0) Approval of depart-

ment.

Comparison of the treatment of selected topics in high-school American History texts with recent scholarship in the field.

The following 'Studies' courses offer opportunities for inquiry in depth of a variety of themes, topics or problems in several areas. They are planned for advanced students who have some familiarity with the general history of the area in question. The precise content of each course will vary each time it is taught, thus making available a notable richness of content and interpretation. The student should inquire at the Department of History Office for information on the particular courses which will be taught each term. History majors may earn a maximum of 16 credits in 'Studies' courses.

## Studies in Canadian History and Canadian-American Relations

(412.) 4(4-0) May reenroll for a maximum of 12 credits. Approval of depart-

#### 446. Studies in Latin American History

(419) 4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

## Studies in British History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 449. Studies in Colonial and Revolutionary America

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 450 Studies in Nineteenth Century America

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 451. Studies in Twentieth Century America

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

## Studies in Medieval History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 454. Studies in the Renaissance and Reformation

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

### 459. Studies in Central European

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 463. Studies in Modern European History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 464. Studies in Western European History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

## Studies in Russian History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 470. Studies in Comparative History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

## Studies in African History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

#### 485. Studies in Asian History

4(4-0) May reenroll for a maximum of 12 credits. Approval of department.

## Independent Reading

Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 12 credits. Approval of department.

Supervised studies in depth for the advanced undergraduate.

## 498H. Honors Thesis

Fall, Winter, Spring. 4 credits. Reen-rollment for a total of 12 credits required. Ap-proval of department.

Those preparing an honors thesis will enroll in this course for three consecutive terms in their senior year. They will work on a research project under the direction of a member of the history faculty and will produce an honors thesis.

Graduate courses are of two types: reading courses and seminars. The former entail wide reading on selected topics and written and oral reports. The latter emphasize original research and the writing of research papers. The content of both reading courses and seminars in a given field may change from term to term, thus making possible a rich and varied offering in history for the graduate student. Students may enroll in a course for more than one term or more than one section of a course during the same term, provided that duplication of content does not result. Sheets giving detailed information concerning all graduate courses to be offered during a particular term are available in the History office during the preceding term. Students desiring to enroll in these course must have the permission of the department.

#### 803. Historiography

Fall. 3 credits.

Readings, discussions and written exercises designed to introduce the beginning graduate student to the problems, methods, and techniques of historical research. Examination of the major approaches to history. Discussion of and practice in the main techniques of historical method, including bibliography, documentation, and literary style. A section of the course will be arranged for the study of European history materials and a section for the study of American history materials.

#### Readings in Non-Western 806. Civilizations

Fall, Winter, Spring. 5 credits. Approval of department and 6 credits in the field of the reading course taken in the Master's program.

Intensive reading and discussion on the non-Western world designed to view the field in historical perspective, to tackle technical teaching problems and to give a review of pertinent teaching materials, major interpretations and current problems.

#### 812.Readings in Canadian History Fall, Winter, Spring. 4 credits.

# 819. Readings in Latin-American History

Fall, Winter, Spring. 4 credits. Approval of department.

### 821. Readings in Seventeenth and Eighteenth Century American History

Fall, Winter, Spring. 4 credits. Approval of department.

## 822. Readings in Nineteenth Century American History Fall, Winter, Spring. 4 credits.

823. Readings in Twentieth Century American History Fall, Winter, Spring. 4 credits.

# 831. Archives Administration Winter, 4(4-0) Graduate students.

Review of archives administration, past and present, study of archivist's functions in the archives of business, government, educational, and private agencies.

## 832. Archives Operations Spring. 4(1-6) HST 831.

Practical work in processing and analyzing collections in University Archives and Historical Collections; reporting and critiques on archives operations.

## 833. Archives Independent Study

Fall, Winter, Spring, Summer. 4 credits. HST 832.

An advanced archives course in which the student works under supervision on one or more projects, e.g., processing, finding aids, and oral history.

## IDC. Subsaharan Africa Seminar

For course description, see Interdisciplinary Courses.

- 848. Readings in English History Fall, Winter, Spring. 4 credits.
- 852. Readings in Ancient History Fall, Winter, Spring. 4 credits.
- 853. Readings in Medieval History Fall, Winter, Spring. 4 credits.

# 855. The Industrial Revolution in Europe

Winter of even-numbered years. 3(3-0) EC 318, EC 324. Interdepartmental with and administered by the Department of Economics. The preconditions that led to the momentous changes in agriculture and industry in Europe from 1700-1914.

# 857. Readings in Renaissance and Reformation

Fall, Winter, Spring. 4 credits.

# 863. Readings in Early Modern European History

Fall, Winter, Spring. 4 credits.

# 864. Readings in Recent European History

Fall, Winter, Spring. 4 credits.

867. Readings in Russian History Fall, Winter, Spring. 4 credits.

- 873. Readings in the History of International Relations
  Fall, Winter, Spring. 4 credits.
- 894. Readings in African History Fall, Winter, Spring. 4 credits.
- 897. Readings in Asian History Fall, Winter, Spring. 4 credits.

## 898. Directed Reading

Fall, Winter, Spring, Summer. 4 credits. May reenroll for a maximum of 16 credits. Graduate students; approval of department. Supervised individual reading on special topics and fields.

### 899. Master's Thesis Research

Fall, Winter, Spring. Variable credit. Approval of department.

## 901A. Doctoral Seminar

Fall. 3(3-0) Admission to doctoral program in history.

HST 901A, HST 901B and HST 901C constitute a three-term seminar required of students entering doctoral program. Under guidance of dissertation director and course instructors student will prepare major research paper and submit for criticism by all participants. Grades are given for the three terms at the end of HST 901C.

### 901B. Doctoral Seminar

Winter. 3(3-0) HST 901A.

Continuation of HST 901A.

### 901C. Doctoral Seminar

Spring. 3(3-0) HST 901B.

Continuation of HST 901B.

## 999. Doctoral Dissertation Research

Fall, Winter, Spring. Variable credit. Approval of department.

## **HISTORY OF ART**

See Art.

## HORTICULTURE

# College of Agriculture and Natural Resources

## 101. Principles of Horticulture

Fall, Spring. 4(3-2) Not open to students with credit in HRT 201.

Principles of horticultural science and horticultural crop production, as related to fruits, vegetables, flowers and landscape plants.

## 201. Fruits, Vegetables, and Ornamental Plants for Outdoor Home Plantings

Spring. 4(3-2) Not open to students with credit in HRT 101.

Principles and practices used in producing fruits, vegetables, flowers, trees, shrubs and vines in small gardens, containers, and the home landscape. Indices for edible quality of home grown fruits and vegetables.

## 211. Ornamental Trees and Narrow-leaved Evergreens Fall. 4(2-4)

Identification, adaptation and evaluation of trees, deciduous shrubs, narrow-leaved evergreens and woody vines. Emphasis is on the asthetic and functional uses of trees and shrubs in the landscape.

# 212. Ornamental Flowering Shrubs and Broad-leaved Evergreens

Spring. 4(2-4) HRT 211 or approval of instructor.

Identification, adaptation and evaluation of trees, deciduous shrubs, broad-leaved evergreens, woody vines and ground covers. Emphasis is on the flowering characteristics and aesthetic and functional uses of plants in the landscape.

## 221. Commercial Plant Propagation

(421.) Fall, Winter. 4(3-2) HRT 101.

Principles of plant propagation by seed, cuttage, layerage, and graftage employed by nurseries; use of growth regulators and environmental treatments in plant propagation.

## 230. Indoor Plants and Flowers

(323.) Fall, Winter, Spring. 3(1-4) Horticulture majors will be required to learn scientific names of plants.

Identification, culture and propagation of plants; principles of flower arrangement, construction of dish gardens and hanging baskets, and the forcing of bulbs.

## 320. Tree Fruit Production

Fall. 4(3-2) HRT 101, Juniors.

Commercial production of principle tree fruit crops of Michigan with emphasis on planting, soil management, fertilization, pruning, thinning, and grafting.

## 324. Mass Merchandising Ornamental Plants

Spring. 2(1-2) HRT 101, HRT 211 or HRT 212.

History of merchandising ornamental plants; types of garden centers, impact of cultural information and labeling on consumer. The manager, advertiser, and buyer decision making process. One day field trip required.

## 325. Ornamental Plant Management

Spring. 4(3-2) HRT 101, HRT 211, HRT 212.

Transplanting and maintenance of landscape plants subject to stresses of urban environment. Development of annual maintenance specifications. Identification and evaluation of herbaceous annuals, biennials and perennials for landscape.

## 330. Special Problems

HRT

Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 12 credits. Approval of department.

Individual work on a field, laboratory or library research problem of special interest to the student.

## 331. Selected Topics

Fall, Winter, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 12 credits if different topic is taken. Approval of department.

## 350. Floral Design

Spring, 2(0-4) Junior majors and approval of department.

Principles of floral design and the care and handling of materials. Creation of corsages, terraria, tropical planters, and home, hospital and novelty arrangements.