985. Directed Field Experience
Fall, Winter, Spring. 3 to 15 credits. May reenroll for a maximum of 15 credits. Doctoral candidates: approval of school. Supervised field experience in schools and other institutions for doctoral candidates.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. 1 to 36 credits. May reenroll for a maximum of 36 credits. Approval of school.

HEBREW
See Linguistics and Germanic, Slavic, Asian and African Languages.

HISTORY

HST

College of Arts and Letters

101. The African Experience (A) (286.) Fall. 4(4-0)
Main historical dimensions of the political, economic, and cultural development of Africa. Emphasis on recent period, interdependence, and cultural values.

102. The Latin American Experience (A) Winter. 4(4-0)
Latin America, past and present: the Indian cultures; political systems; problems of underdevelopment; foreign domination; art, ideology and regional identity.

103. The East Asian Experience in the Modern World (A) (HST 293.) Spring. 4(4-0)
Complexities and global implications of East Asia: an interdisciplinary approach to traditional civilizations of China and Japan; their world views, values and institutions and their transformation under the Western impact.

111. The Roots of European History (A) Fall, Winter, Spring, Summer. 4(4-0)
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(4-0)
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(4-0)
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.

201. Introduction to the Study of History (151.) Fall, Winter, Spring. 4(4-0)
Intensive study of a major historian's work. Familiarize students with various historical methodologies and the art of reading history, introduction to writing essays stressing both analysis and synthesis.

231. American Biography Winter of even-numbered years. 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.

233. The United States in World Affairs (131.) Winter. 4(4-0) Not open to history majors.
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.

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.

249. American Urban History Fall. 4(4-0) 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 Interdisciplinary Courses.

IDC. Contemporary Japan For course description, see Interdisciplinary 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 diversified American social structure and nationality.

301. United States Constitutional 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 succession 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.

306. 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 power.

307. History of American Foreign Policy Winter. 4(4-0)
The United States as a great power: change and continuity in the twentieth century.

309. The Black Experience in the Americas: Varieties of Slavery Fall. 4(4-0)
A study of the West African societies from which the majority of Black 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 slavery. Study of the development of segregation in antebellum North and of the South. French-English abolitionist attack on slavery and segregation. The course will end with the passage of the 13th amendment in 1865.

310. The Black Experience in the United States: Since Emancipation Winter. 4(4-0)
Continuation of HST 309. Study of the interaction between Black Americans and the larger society from 1865 to the present. Examination of the limitations of reconstruction, Blacks in the New South, the impact of urbanization, the evolution of the Black family. Blacks in business and as workers, the changing legal status of Black Americans, Blacks in American politics, American Blacks and Afro-American peoples, the response to discrimination, the civil rights movement, and the Black revolution.

314. Canada Fall. 4(4-0)
317. Rise and Decline of the Latin American Empires
Fall. 4(4-0)
Latin America from the pre-conquest period to the end of the early nineteenth century independence movement. The political, economic 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. 4(4-0)
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-colonial, social stratification, retarded economic development) are examined in some detail.

318B. Latin America in the Contemporary Period
Spring. 4(4-0)
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.

319. Latin America in World Affairs
Winter. 4(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.

320. History of Michigan
Fall. Winter. 4(4-0)
Political economic and social evolution of the State in its relation to national history.

321. History of Women in the United States to 1869
Winter. 4(4-0)
Change and continuity in the position of women in the United States from colonial times to 1869, emphasizing work, the family and politics.

322. History of Women in the United States from 1869 to Present
Spring. 4(4-0)
Change and continuity in the position of women in the United States from 1869 to present, emphasizing work, the family and politics.

323. Colonial, Revolutionary, and Early National American Intellectual History
Fall. 3(3-0)
Development and influence of major ideas in American history from colonial beginnings to 1800. Topics include European conceptions of the New World, Puritanism, the Enlightenment, and the Revolution.

324. Nineteenth-Century American Intellectual History
Winter. 3(3-0)
Major ideas in the context of nineteenth-century American history. Topics include religion, reform, transcendentalism, utopianism, manifests destiny, social Darwinism, pragmatism, literature, economic and political thought.

325. Twentieth-Century American Intellectual History
Spring. 3(3-0)
Major social, political, literary, economic, religious, and philosophic ideas in the context of twentieth-century American history.

326. 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 trans-Atlantic Ocean and the Mississippi River and its economic, political, and social consequences.

327. 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-Mississippi West and its significance in the life of the nation. Development of the West as a distinct region in the 19th and 20th centuries.

328. Colonial America to 1725
Fall. 4(4-0)
The European background, the settlement and growth of the original British colonies up to 1725 with emphasis on the development of stabilizing social and political structures.

329. Revolutionary America 1725-1759
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 1757 Constitution.

330. Pre-Civil War America, 1790-1850
Fall. 4(4-0)
Manifetsations 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.

331. The American Civil War
Spring. 4(4-0)
Conflict between North and South from the age of Jackson to Appomattox. The intensification of the sectional struggle, secession, principal military campaigns, major wartime problems of the Union and Confederacy, and the significance of the Civil War in American history.

332. 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.

333. 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.

334. Recent American History
Fall, Winter. 4(4-0)
Political and social trends since the 1920s as influenced by economic growth and prosperity. Rise of the welfare state; changing position of minorities and women; foreign policy in a revolutionary world.

335. American Social and Economic History: Foundations
Winter. 4(4-0)
Multiple sources of economic growth in economic, social and political change, education, science and technology, political action, and other factors, mid-nineteenth century.

Spring. 4(4-0)
Urbanization, origin and implications of large-scale organizations in business and other sectors of society, and sources of economic growth since mid-nineteenth century.

337. History of the American South
Spring. 4(4-0)
Historical analysis of major themes in the development of the South including economic development, political variation from the North, slavery and race, religion, and southern consciousness.

338. History of International Relations: 1570-1619
Winter. 4(4-0)
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.

339. History of International Relations: 1619 to the Present
Spring. 4(4-0)
Post-World War I problems; East Asian problems; origins of World War II, the diplomacy of the War; the Cold War; major problems of the 50's and 60's.

340. 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.

341. Intellectual History of Modern Europe
Winter. 4(4-0)
HST 342A.
European thought, culture and society in the nineteenth century. Focus on the New Enlightenment, Romanticism, Marxism, evolution, nationalism, and the Fin-de-Siecle. Emphasis on writing historical essays.

342. Intellectual History of Modern Europe
Spring. 4(4-0)
HST 342A.
Twentieth-century European thought, culture and society. Focus on impact of WW I, communism, fascism, relativistic theories, and post-WW II era. Emphasis on writing historical essays.

343. History of England to 1400
Winter of even-numbered years. 4(4-0)
Principal political, social, economic, religious, and intellectual developments in English history from the coming of the Anglo-Saxons to the end of the fourteenth century.

344. History of England, 1400-1700
Winter of odd-numbered years. 4(4-0)
Principal political, social, economic, religious, and intellectual developments in English history from the beginning of the fifteenth century through the revolutions of the seventeenth century.
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.

346. Modern Britain Since 1837
(346A) Spring. 4(4-0)
British society and politics from Victorian times to the present; effects of industrialization, democratization, global war; economic and cultural aspects of Britain's experience of growth and relative decline.

347. Women in Industrial Society
Spring. 4(4-0)
How the industrial revolution changed women's position in society beginning in 1750. Topics include women's work, demography, the family, political activity. Most examples drawn from Western European history.

348. Constitutional and Legal History of England to 1558
Fall. 4(4-0)
Constitutional and legal developments in England from the Anglo-Saxon kingdoms through the deposition of Richard II. Special emphasis on the development of the principles of the common law.

349. Constitutional and Legal History of England from 1399
Winter. 4(4-0)
Constitutional and legal development in England from the accession of Henry IV, emphasizing the period through the Glorious Revolution and the principles derived from the Stuart revolutions 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, 300-1000, 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, the attentionally decline of medieval institutions and emergence of modified alternatives during the Renaissance. Emphasis on contrasts between Italy and Europe north of the Alps.

356. Europe, 1500-1648
Fall. 4(4-0)
Origins and development of Protestant and Catholic Reformations; rise and fall of Spain as world power; wars of religion and Thirty Years War; secular culture and society.

357. Europe, 1645-1770
Winter. 4(4-0)
Scientific revolution and the Enlightenment; growth of bureaucracy, centralization; early industrial and consumer economies; stabilization of international relations in Europe and abroad; structural causes of revolutionary impulse.

358. 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.

360. European History Since 1750
Spring. 4(4-0)
Crisis of the Old Regime: The French Revolution and Napoleon; the Industrial Revolution and the emergence of modern society; Romanticism; the revolutions of 1848.

361. Europe, 1648-1914
Winter. 4(4-0)
National consolidation, imperialism, socialism, the emergence of a culture of the irrational, and the origins of the First World War.

362. Europe, 1770-1845
Spring. 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.

363. Muscovite and Petrine Russia 1462-1801
Fall. 4(4-0)
The rise of Muscovy, Tartar and Orthodox; The Time of Troubles and the Religious Schism; Peter I and Westernization; Russia as the Savior of Europe.

364. Nineteenth Century Russia (364A)
Winter. 4(4-0)
The impact of Napoleon, first rebellion against autocracy; westernizers; slavophiles and the serf emancipation; modernization and revolutionary movements, Russia Before the Deluge, 1805.

365. Twentieth Century Russia (365B)
Spring. 4(4-0)
End of Old Regime, 1917; Civil War and foundation of Soviet State; era of cooperation with peasantry; Stalin's revolution; purges and WW II; Khrushchev and normalization of Soviet system.

371A. European Economic History to 1800
Fall. 4(4-0)
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)
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 Opium Wars; the Taiping Rebellion; collapse of the old order; imperialist rivalries in East Asia and the birth of Chinese nationalism.

372B. History of Twentieth Century China
Winter. 4(4-0)
Major political and social developments since 1900 with emphasis on the Republican period until the end of World War II.

373A. Germany in the Nineteenth Century
Winter of even-numbered years. 4(4-0)
The old regime; revolution; liberalism, romanticism, nationalism; creation of the German Empire; industrialization, urbanization; the rise of labor; militarism; imperialism; Social, cultural, intellectual factors in addition to politics and diplomacy.

373B. Germany in the Twentieth Century
Winter of odd-numbered years. 4(4-0)
First World War, founding of the democratic republic; inflation, industrialization, depression; Nazi totalitarianism and aggression; post-war reconstruction and the cold war; Stalinism and the "new class" in the east.

374. Historical Problems in the Biological Sciences
Fall, Winter. 4(4-0) Lyman Briggs or History faculty approval or approval of school, Interdepartmental unit and administered by Lyman Briggs School.

Various themes or periods in the biological sciences. The course may emphasize the pattern of theoretical development, changes in explanatory ideals, the interaction of external factors and scientific ideas, etc.

375A. African History to 1800
Winter. 4(4-0)
Economic, social and political history of Africa from earliest times to 1800.

375B. Modern African History
Spring. 4(4-0)
Economic, social and political history of Africa from 1800 to the present.

379A. Politics and Society in France from 1770 to 1870
Fall of even-numbered years. 4(4-0)
French history including the Ancien Regime, the French Revolution, the Napoleonic era, the Bourbon Restoration, July Monarchy, Second Republic and Second Empire.

379B. Politics and Society in France from 1870 to Present
Fall of odd-numbered years. 4(4-0)
French history (including the collapse of the Second Empire, the Creation of the Third Republic, World War One, the interwar years, the Vichy regime, the Fourth and Fifth Republic.)
381. Medieval Eastern Europe and Russia
Winter. 5(5-0)
Byzantium; the conversion of the Slavs; Kievan Rus; Emergence of feudal kingdoms in Hungary, Poland-Lithuania and Bohemia; the "Second Serdica" overtakes Eastern Europe during the Renaissance.

382. Modern Eastern Europe
Spring. 4(4-0)
Focus on Balkan revolution and the "eastern questions," constitutional problems of Habsburg monarchy, recreation of Poland; peasant versus state in interwar Eastern Europe; national communism after 1945.

382A. 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.

382B. 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 of even-numbered years. 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 modernization of Neo-Confucianism; emphasis on the Classical and Sung periods.

385B. Intellectual History of China
Winter of odd-numbered years. 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 century 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)

395. The Middle East: Muhammad to 1700
Winter. 4(4-0)
Middle Eastern history from the foundations of the Islamic state, the Caliphates, the Ottoman and Safavid Empires, to the period of decline in the 17th century.

397. The Middle East: 1700-1948
Spring. 4(4-0)
Middle Eastern history from the beginnings of European imperial interest to the partition of Palestine and the creation of Israel.
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 Profession
Winter of odd-numbered years. 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 anti-lawyer sentiment. The origins of conflict within the modern bar.

History of Southern Africa Since 1800
Spring of even-numbered years. 4(4-0)
Juniors.

West Africa in the Afro-American Connection
Spring of odd-numbered years. 4(4-0)
Juniors.
Politics, economy, culture and societies of West Africa from 1800 to 1850. The impact of the trans-Atlantic Slave Trade. The roots of Afro-American culture.

History of the American Legal Profession
Winter of odd-numbered years. 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 anti-lawyer sentiment. The origins of conflict within the modern bar.

History Workshop
Winter, Spring. 4(4-0) Senior History majors.
Intensive study of a critical historical episode focusing on documentary evidence leading to the writing of a research essay.

Graduate courses emphasize readings and discussion involving written and oral reports or original research and the writing of research papers. The content of courses with authorized enrollment provisions 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 such courses for more than one term or more than one section 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 courses must have the permission of the department.

Historiography
Fall. 4(4-0)
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 Latin-American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in European History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in Comparative History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in African History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in Asian History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in Seventeenth and Eighteenth Century American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits. Approval of department.

Readings in Nineteenth Century American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

Readings in Twentieth Century American History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

Urban Policy in Historical Perspective
Fall. 3(3-0)
Urban policy in United States and other industrial countries since 1930, with attention to intended and unintended consequences for cities.

African Research
(1DC 638.) Fall, Winter, Spring. 2 to 4 credits. May reenroll for a maximum of 8 credits. Graduate standing or approval of instructor. Interdepartmental with African Languages and the departments of Anthropology, Educational Administration, Geography, Political Science, and Sociology. Administered by the Department of Anthropology.

African-related archival and field research topics and methodologies viewed from perspective of relevant social science and humanistic disciplines associated with the African Studies Center.

Readings in English History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 40 credits.

Readings in Ancient History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 40 credits.

Readings in Medieval History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 40 credits.

The Industrial Revolution in Europe
Winter of even-numbered years. 3(3-0)
EC 318, EC 334, interdepartmental with and administered by the Department of Economics. The preconditions that led to the momentous changes in agriculture and industry in Europe from 1700-1814.

Readings in Early Modern European History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

Readings in Recent European History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

Readings in Russian History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

Readings in Italian History
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 20 credits.

History — Description of Courses
Description — History of Courses

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 — HRT

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.

205. Greenhouse Structures and Crop Production
Spring. 3(2-2) Commercial greenhouse operations, structures, equipment and crop production procedures.

208. Greenhouse Cut Flower Production
Fall. 4(3-2)
Commercial production of cut flowers including scheduling, culture practices, equipment, post-harvest considerations, and management decisions. One field trip required.

209. Foliage Plants
Winter. 4(3-2)
Identification, culture, propagation, and utilization of common foliage plants with emphasis on species and cultivars used for interior plantscaping.

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 aesthetic 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
Winter. 4(3-2) HRT 101.
Principles of plant propagation by seed, cutting, layerage, and graftage employed by nurseries; use of growth regulators and environmental treatments in plant propagation.

248. Floral Marketing
Winter. 3(2-2) HRT 101 or approval of instructor.
Floral marketing practices including production, wholesale, and retail marketing channels. Field trips required.

275. Landscape Horticulture Operations
Winter. 3(2-2) Management aspects of landscape construction and maintenance operations. Emphasis on marketing of services, organization of labor, reporting procedures, horticultural specifications, bidding and project management.

319. Small Fruit Production
Winter. 3(3-0) HRT 101, BOT 206, BOT 301.
Commercial production culture, utilization and physiology of strawberries, grapes, blueberries and raspberries.

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.

325. Ornamental Plant Management
Spring. 4(3-2) 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.

326. Herbaceous Ornamental Plants
Spring. 4(3-3) HRT 101 or BOT 205 or approval of department.
Identification, evaluation, and utilization of annual, biennial, and herbaceous perennial plants for landscape. Includes bulbs, herbs, grasses, ferns, and cultivated plants.

327. Landscape Design: A Horticultural Approach
Spring. 4(3-2) HRT 212 or concurrently.
Landscape design techniques. Plant selection and use. Plant and site relationships. Client and designer interaction. Laboratory emphasizes elementary drafting techniques, landscape plan preparation and interpretation.

330. Special Problems
Fall, Winter, Spring. 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 (MTC)
Fall, Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 12 credits if different topics are taken. Approval of department.
Selected topics in horticultural science of current interest and importance.

402. Principles of Weed Control for Horticultural Crops
Spring. 4(3-2) CEM 143, BOT 301.
Principles underlying weed control practices for horticultural crops. Weed biology and factors involved in biological, cultural, mechanical and chemical control. Collection of 40 weed species required.

408. Principles of Plant Breeding
Winter. 4(3-2) CSS 350. Interdepartmental with and administered by the Department of Crop and Soil Sciences.
Application of genetics and other sciences to breeding and improvement of agronomic and horticultural crops.

410. Fruit Tree Physiology I
Winter of even-numbered years. 4(4-0) Juniors, BOT 301, HRT 101.
Physiological effects of nutrition, moisture, light, temperature and culture as related to tree fruit crops.

412. Fruit Tree Physiology II
Winter of odd-numbered years. 3(3-0) Juniors, HRT 101, BOT 301.
Physiology of flowering and fruit development in woody plants with special reference to chemical and cultural methods of manipulation.

416. Handling and Storage of Horticultural Crops
Winter of even-numbered years. 4(3-2) Juniors.
Biological principles involving physical movement of fresh products from farm to consumer; physiological processes affecting maturity, quality and condition; selection and use of handling, storage, and transport facilities.

417. Controlled Plant Environment
Fall. 4(3-0) HRT 101, HRT 205 or concurrently, BOT 301 or BOT 414.
Control of greenhouse environment and its effect on growth and production of horticultural crops.

434. Greenhouse Container-Grown Plant Production
Winter. 4(3-2) HRT 205, HRT 417; approval of department.
Flower crop physiology: management of container-grown plant production. One field trip required.

435. Commercial Bedding Plant Production
Spring. 4(3-2) HRT 205.
Production and marketing of bedding plants. Includes germination, soils, transplanting, environmental factors, production practices, major species, structures, equipment, systems, problems, economics and marketing. One field trip required.

440. Nursery Management
Fall. 3(2-2) Juniors.
Management practices applied to wholesale nursery production and marketing. One all-day field trip to visit nurseries is required.