983. Systems Approach to Program Planning 
(HPR 832.) Fall. 3(3-0) Approval of department. 
Principles and practices related to systems design, accountability models, and innovative techniques in curriculum and program planning.

984. Evaluation of Systems Designed Programs 
(HPR 833.) Fall. 3(3-0) HPE 863 or approval of department. 
Content and design of evaluation plans for programs using systems approaches. Consideration of psychometric tools; basic research, evaluation and measurement techniques.

985. Directed Field Experience 
(HPR 885.) Fall, Winter, Spring. 3 to 9 credits. Students are limited to a combined total of 15 credits in HPE 403, HPE 879, HPE 884, HPE 885. Approval of department. 
Supervised field experience in schools and other institutions for master's candidates.

986. Project in Health and Physical Education 
(HPR 886.) Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 6 credits. Must take a total of 6 credits to receive a grade in this course. Approval of department. 
Project experience under the guidance and supervision of MSU faculty.

987. Master's Thesis Research 
(HPR 887.) Fall, Winter, Spring. 1 to 9 credits. May reenroll for a maximum of 9 credits. Must take a total of 9 credits to receive a grade in this course. HPE 884 or concurrently, approval of department.

988. Individual Study 
(HPR 888.) Fall, Winter, Spring. 1 to 12 credits. May reenroll for a maximum of 12 credits. Doctoral candidates; approval of department.

989. Directed Laboratory Experience 
(HPR 889.) Fall, Winter, Spring. 2 to 15 credits. May reenroll for a maximum of 15 credits. Doctoral candidates; approval of department. 
Supervised laboratory experience for doctoral candidates.

990. Directed Field Experience 
(HPR 890.) Fall, Winter, Spring. 3 to 15 credits. May reenroll for a maximum of 15 credits. Doctoral candidates; approval of department. 
Supervised field experience in schools and other institutions for doctoral candidates.

991. Directed Field Experience 
(HPR 891.) Fall, Winter, Spring. 3 to 15 credits. May reenroll for a maximum of 15 credits. Doctoral candidates; approval of department. 
Supervised field experience in schools and other institutions for doctoral candidates.

992. Doctoral Dissertation Research 
(HPR 892.) Fall, Winter, Spring. 1 to 36 credits. May reenroll for a maximum of 36 credits. Approval of department.

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

HISTORY

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.
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
Fall. 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.

254. 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 national identity.

293. The Far East: Its Peoples and Cultures
Spring. 4(4-0)
Highlights of historical developments of China, Korea, and Japan, their cultural similarities and dissimilarities, and their contemporary issues and problems.

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 secession crisis.

302. United States Constitutional History
Winter. 4(4-0)
Continuation of HST 301. American constitutionalism since 1865. Focus of the constitutional system under the strains of reconstruction, industrialism and urbanism, nationalism and war. Postwar stress 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: isolationism, 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 Blacks 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 Black 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 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.

318. 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, oligarchic control, 'latifundia', anti-creolism, social stratification, retarded economic development) are examined in some detail.

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

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 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.

322. Economic History of Brazil
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. Approved through Summer 1984.

325. 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.

326. 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, manifest destiny, social Darwinism, pragmatism, literature, economic and political thought.

327. 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.

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-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.
363. Europe, 1770-1848
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.

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.
Approved through Summer 1984.

365. Europe, 1849-1914
Spring. 4(4-0)
National consolidation, imperialism, socialism, the emergence of a culture of the irrational, and the origins of the First World War.

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. Muscovite and Petrine Russia 1662-1801
Fall. 4(4-0)
The rise of Muscovy, Tsarism and Orthodoxy; The Time of Troubles and the Religious Schism; Peter I and Westernization; Russia as the Savior of Europe.

368. Nineteenth Century Russia
(368A.) 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, 1905.

369. Twentieth Century Russia
(369B.) 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; Khruschev and normalization of Soviet system.

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 detente; future prospects.
Approved through Summer 1984.

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 Incursion
Fall. 4(4-0)
China from the late 18th century to the Revolution of 1911; the advance of Western imperialism, the Opium War, 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, stability, depression; Nazi totalitarianism and aggression in the First World War 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 17th century.

379A. Politics and Society in France from 1770 to 1870
Fall of even-numbered years. 4(4-0)
French history including the Ancien Régime, 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. 3(3-0)
Byzantium; the conversion of the Slavs; Kiev Rus; Emergence of feudal kingdoms in Hungary, Poland-Lithuania and Bohemia; the 'Second Serdion' overtops Eastern Europe during the Renaissance.

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

382A. History of the Far East
Fall. 4(4-0)
Major historical developments from earliest times to 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 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 formulation 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)

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

393. African History from 1500 to 1757
Winter. 4(4-0)

394. Modern African History
Spring. 4(4-0)
Imperialism, colonialism, and freedom. Post-independence problems and personalities. Africa in the world economy. The issue of South Africa and international geopolitics.

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 Seljuk 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.
398. Islamic History in the Classical Age 500-1250
Fall. 4(4-0)

402. History of the Corporation in Modern America
Fall. 4(4-0)

403. History of Sport in America: Colonial Times to the Present
Winter of even-numbered years. 4(4-0)
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.

404. History of the Welfare State in Modern America
Spring of even-numbered years. 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 counterculture, economic and ecological thought, and popular culture.

406. Environmental History
Winter. 4(4-0) Juniors. Interdepartmental 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 emphasis on Europe and America since the 16th century.

408. European Urban History
Winter of odd-numbered years. 4(4-0)
Juniors.
Development of cities in Western Europe, with emphasis on changes in urban forms and in urban living from the medieval to modern periods.

409. History of Modern European and American Medicine
Spring of odd-numbered years. 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.

410. American Foreign Policy and East Asia (308.) 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.

411. Black Workers in Industrial America (RES 363, 311.) Spring. 4(4-0)
The formation and early history of the urban black working class and the effects of racial and economic oppression on its culture, social institutions and world view.

412. Soviet Foreign Policy (370A.) Winter. 4(4-0)
Principles of Soviet foreign policy, interwar tactics and wartime alliances; the Cold War. Khrushchev's 'Advantures', main features of Soviet foreign policy since 1962.

413. A History of Black Women in America (313.) Winter. 4(4-0)
The activities of black women in the United States from the middle of the 19th century to the present.

414. History of Quebec Since 1867
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 Quebec Revolution of the 1960's and the contemporary situation. Approved through Summer 1984.

415. Rise of Chinese Communism, 1919 to Present
(372C.) Spring. 4(4-0)
The origins and development of Chinese Communism since the end of World War II. 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 Tse-tung; Party purges and the 'People's Republic'.

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

417. Critical Issues in Contemporary Africa
Spring. 3(3-0) May reenroll for a maximum of 9 credits if different topics are taken. One course on African subject and approval of instructor. Interdepartmental with African Languages, and the departments of Anthropology, Geography, Political Science, and Sociology.
Four separate multidisciplinary topics will be offered at different times; The Horn of Africa, Southern Africa, Africa and the Americas, Social Impact Studies.

418. Modern European Jewish History
Spring of odd-numbered years. 4(4-0) Approval of department or any 300 level history course.
History of European Jewry from the partitions of Poland. Topics include Napoleonic emancipation, Jewish liberalism and banking, crisis of assimilation in 1890's, Zionism, Hitlerite anti-Semitism, recent problems.

419. The Age of Michelangelo
Spring. 4(4-0) Approval of department. Interdepartmental with the History of Art and Italian. Administered by History of Art.
Art, society, and literature in the Italian Renaissance, focusing on the art and poetry of Michelangelo as expressions of the events and concerns of his time.

420. Medieval Europe and the Crusades
Spring. 4(4-0) Interdepartmental with the History of Art and Italian. Administered by History of Art.

421. 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.

422. Contemporary Issues in Global Interdependence and Change
Winter. 4(4-0) Juniors 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.

423. Project in Global Studies
Spring. 4(4-0) HST 425 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.

424. 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.

425. The Law in Colonial America 1607-1776
Winter of even-numbered years. 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.

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

427. 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 1500 to 1850. The impact of the trans-Atlantic Slave Trade. The roots of Afro-American culture.

428. Topics in American History for Secondary Education Majors
Winter of even-numbered years. 4(4-0) Approval of department.
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.

443. Studies in Canadian History and Canadian-American Relations
Spring of odd-numbered years. 4 (4-0)
May reenroll for a maximum of 12 credits. Approval of department.

446. Studies in Latin American History
4 (4-0) May reenroll for a maximum of 12 credits. Approval of department.

IDC. Refugees, Displaced Persons, Exiles
For course description, see Interdisciplinary Courses.

448. Studies in British History
4 (4-0) May reenroll for a maximum of 12 credits. Approval of department. Approved through Summer 1984.

451. Studies in Twentieth Century America
4 (4-0) May reenroll for a maximum of 12 credits. Approval of department. Approved through Summer 1984.

452. Studies in American History
(450): 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. Approved through Summer 1984.

460. Studies in European History
(464): 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. Approved through Summer 1984.

469. Studies in Russian History
4 (4-0) May reenroll for a maximum of 12 credits. Approval of department. Approved through Summer 1984.

470. Studies in Comparative History
4 (4-0) May reenroll for a maximum of 12 credits. Approval of department.

483. 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.

495. 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. Reenrollment for a total of 12 credits required. Approval 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.

499. 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 the courses 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 courses must have the permission of the department.

803. 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.

806. Readings in Non-Western Civilizations
Fall, Winter, Spring. 5 credits. Approval of department and 5 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. Approved through Summer 1984.

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.

824. 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. Approved through Summer 1986.

831. Archives Administration
Winter. 4 (4-0) Graduate students.
Review of archives administration, past and present, study of archival 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.

839. African Research
(IND 838); 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 Administration and Curriculum, Anthropology, 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 humanities disciplines associated with the African Studies Center.

846. 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. Approved through Summer 1984.

863. Readings in Early Modern European History
Fall, Winter, Spring. 4 credits.
901A. Approval of department.

901C. A three-term seminar required of students entering doctoral program. Under guidance of dissertation director and course instructors student supervised individual reading on special topics and fields.

999. Doctoral Seminar

901A. Doctoral Seminar
Fall, Winter, Spring. 4 credits. May reenroll for a maximum of 16 credits. Graduate students; approval of department.

901B. Doctoral Seminar
Fall, Winter, Spring, Summer. 4 credits. May reenroll for a maximum of 16 credits. Graduate students; approval of department.

901C. Doctoral Seminar
Spring. 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

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 301.
Principles of horticultural science and horticultural crop production, as related to fruits, vegetables, flowers and landscape plants.

211. Ornamental Trees and Narrow-leaved Evergreens
Fall. 4(3-4)
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.

211. Commercial Plant Propagation
Winter. 4(3-2) HRT 101.
Principles of plant propagation by seed, cuttage, layering, and grafting employed by nurserymen; use of growth regulators and environmental treatments in plant propagation.

319. Small Fruit Production
Fall. 4(1-0) HRT 101, HRT 211, HRT 205, HRT 101.
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 girdling.

325. Ornamental Plant Management
Spring. 4(3-2) HRT 101, HRT 211, HRT 205.
Principles of plant propagation by seed, cuttage, layering, and grafting.

326. Herbaceous Ornamental Plants
Summer. 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.

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

350. Floral Design
Spring. 3(0-4) Juniors 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.

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) CEM 250. 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
Fall. 4(3-2) 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
Fall. 4(3-2) Juniors, HRT 101, BOT 301.
Physiology of flowering and fruit development in woody plants with special reference to chemical and cultural methods of manipulation.

446. Handling and Storage of Horticultural Crops
Spring. 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.

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

448. Controlled Plant Environment Laboratory
Fall. 2(1-0) HRT 417 or concurrently.
Experiments in the morphology and physiology of greenhouse crops. Crop production and the use of greenhouse equipment.

443. Greenhouse Cut Flower and Foliage Plant Production
Spring of even-numbered years. 4(3-2)
HRT 418 or approval of department.
Principles of cut flower and foliage plant physiology; emphasizes production management.

444. Greenhouse Container-Grown Plant Production
Winter. 4(3-2) HRT 418 or approval of department.
Principles of flower crop physiology, management of container-grown plant production.

445. Commercial Bedding Plant Production
Spring of odd-numbered years. 4(3-2)
HRT 417, HRT 418, HRT 434.
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.