

**Descriptions — Improvement Service
of
Courses**

**IMPROVEMENT
SERVICE**

IS

College of Natural Science

1941. Quantitative Techniques

Fall, Winter. 2(2-0) Proficiency test referral or approval of department. Credits earned in this course are included in computation of GPA and MAPS but are not included in the 180 credits required for graduation.

Number system; rounding and estimating; fractions; decimals; percent; equations; formulas; direct and inverse proportion, including graphs; problem solving or applications; multiplication and division by powers of ten and their multiples; scientific notation; metric system conversions; bases other than ten.

**INTERDISCIPLINARY
COURSES**

IDC

All University

**233. Introduction to Women's Studies:
Women's Consciousness**

Winter, Spring. 4(4-0) Interdisciplinary with the colleges of Arts and Letters and Social Science. Administered by the College of Arts and Letters.

Development of women's consciousness in various historical, cross-cultural and scientific contexts. Contexts basic to feminist thought are clarified. Critique of sexism in traditional scholarship.

Approved through Fall 1988.

**255. Introduction to Contemporary
China**

Fall. 4(4-0) Interdisciplinary with James Madison College and the departments of Anthropology, Geography, History, and Political Science. Administered by the Department of History.

China's transition from traditional, agrarian state to modern nation in world community and overview of its recent political, economic, social, cultural and diplomatic developments.

Approved through Summer 1988.

257. Contemporary Japan

(384.) Winter. 4(4-0) Interdisciplinary with James Madison College and the departments of Anthropology, Geography, and History. Administered by the Department of Anthropology.

Contemporary Japanese society, governmental institutions and policies, religion and culture, foreign relations, industry, agriculture, management. Japanese social stability and economic development since World War II.

Approved through Winter 1987.

341. Contemporary South Asia

Spring. 4(4-0) Interdisciplinary with the departments of Anthropology, Geography, and Political Science and James Madison College. Administered by the Department of Anthropology.

Current issues in India, Pakistan and other areas of South Asia, studied from interdisciplinary perspective using the major humanistic and social science disciplines.

Approved through Winter 1989.

**400V. Distinguished Visiting Professor
Series**

Fall, Winter, Spring. 2 to 5 credits. May reenroll for a maximum of 15 credits if different topics are taken. Approval of the student's major department.

The title, content, and credits to be determined by the college sponsoring the course in consultation with the visiting professor. May be counted as credit in any major upon approval of major department, division or dean.

INTERNAL MEDICINE

IM

College of Osteopathic Medicine

**590. Special Problems in Internal
Medicine**

Fall, Winter, Spring, Summer. 1 to 8 credits. Approval of department.

Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.

620. Directed Studies

Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 48 credits. Grade P in all courses offered in terms 1 through 8.

Individual or group work on special problems in medicine related to internal medicine.

650. Medicine Clerkship

Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 24 credits. Grade P in all courses offered in terms 1 through 8.

Clinical exposure in osteopathic medicine. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.

651. Cardiology Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

Intensive experience in bedside diagnosis and care of patients with the more frequently seen cardiac problems.

652. Gastroenterology Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

Inpatient and outpatient clinical gastroenterology. Reinforcement of fundamentals of gastrointestinal diseases, including evaluation of GI patients, cost effectiveness in patient management, behavioral science related to patient care.

653. Oncology/Hematology Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

Diagnosis, staging and treatment methods of solid tumors and other neoplasms. Pharmacology of cytotoxic agents. Issues in nutrition. Behavioral approaches to the terminally-ill patient.

654. Pulmonary Disease Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

Evaluation and treatment of patients with common pulmonary diseases, including acute and chronic respiratory failure, primary and metastatic lung tumors, various bacterial and non-bacterial pneumonias.

655. Nephrology Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. I M 650 or approval of department.

Clinic and hospital based experience to develop basic skills in evaluation and management of patients with renal disease. Emphasis on integration of renal physiology and pathophysiology.

656. Neurology Clerkship

Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

Clinical exposure in area of neurology. Program structure developed to achieve proficiency in motor skills, aptitudes; comprehension of concepts and principles; patient evaluation, diagnosis, management, and therapy.

657. Emergency Medicine Clerkship

(O M 655.) Fall, Winter, Spring, Summer. 6 to 8 credits. May reenroll for a maximum of 12 credits. Grade P in all courses offered in terms 1 through 8.

A clerkship organized to develop skills in the acute evaluation and management of patients in the hospital emergency room and other locations.

ITALIAN

See Romance and Classical Languages.

**JAMES MADISON
COLLEGE**

M C

**111. Identity and Community in
America: An Approach to Writing
Fall. 3(3-0).**

Identity in contemporary America. Emphasis on family, love, work, education, race. Materials include journals, biographies, fiction, films, and essays. Students write narratives, autobiographies, and critical analyses based on personal experience.

**112. Identity and Community in
America: An Approach to Writing
Winter. 3(3-0) M C 111.**

The quest for community in early America. Autonomy, authority, and morality in the 'good society.' Materials include literary and historical sources, films, and community studies. Students write expository and argumentative essays.

113. Identity and Community in America: An Approach to Writing
Spring, 3(3-0) M C 112.

Identity and community in American society under stress, such as the Great Depression of Civil War. Materials include fiction, interviews, photography, films. Students investigate primary documents and write expository essays.

200. Introduction to the Study of Policy Problems
Fall, 4(4-0)

Introduction to the social sciences and related disciplines as these apply to the study of major social, economic and political problems.

201. Introduction to the Study of Policy Problems
Winter, 4(4-0) M C 200.

Continuation of M C 200.

202. Introduction to the Study of Policy Problems
Spring, 4(4-0) M C 201.

Continuation of M C 201.

205. Methodology for Policy Sciences
Fall, Winter, Spring, 4(4-0)

Introduction to the logic of social research, techniques of data collection, and procedures in quantification. Emphasis will be on interpretation and evaluation of findings for policy decision making.

218. Contemporary Ideologies
Fall, 4(3-0) Students may not receive credit in both M C 218 and PLS 170.

The doctrines by which socio-political movements justify and explain their goals and programs. An introduction to such movements and doctrines as socialism, communism, fascism, nationalism and democracy.

220. Contemporary World Politics
Fall, Winter, 4(3-0) Students may not receive credit in both M C 220 and PLS 160.

Theories explaining actions and interactions of nation-states, regions, and political movements. Analysis of histories, capabilities, and policies. Examination of factors accounting for conflict and collaboration in international relations.

221. The American Foreign Policy Establishment
Winter, Spring, 4(3-0) M C 220 recommended.

Institutions, processes and doctrines of contemporary American foreign policy. The role of the Presidency, Congress, governmental agencies, pressure groups and public opinion.

226. Social Change in Third World Societies
Fall, Winter, Spring, 4(3-0) M C 220 recommended.

Socioeconomic and political conditions of contemporary developing countries. Historical and contemporary processes of change. Theories of the development process.

228. Politics of the Western Hemisphere (MTC)

Fall, Winter, Spring, 3(3-0) May reenroll for a maximum of 12 credits if different subtitles are taken. Interdepartmental with the Department of Political Science.

Developing areas of the western hemisphere: historical development of the societies; contemporary political and economic status; international relationships with other area countries, the United States, the wider world community.

229. The Arab-Israeli Conflict
Fall of even-numbered years, 4(3-0)

Analysis of major political and ideological issues in the Arab-Israeli conflict since 1948. Examination of the causes and consequences of unresolved problems and evaluation of alternative solutions.

240. Applications of Economic Policy Analysis
Fall, Spring, 4(3-0) EC 201, EC 202 or EC 210.

Economic principles and concepts applied to contemporary economic policy problems. Emphasis on alternative explanations for selected problems, the institutions of economic policymaking and normative implications of various policy solutions.

245. Organizational Behavior and Public Policy
Winter, 4(3-0)

Effects of organizational structure, process, and environment on implementation of public policy. Analysis of organizations through consideration of case studies.

249. American Urban History
Fall, 4(3-0) Interdepartmental with the Department of History.

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.

251. The Contemporary American City
Winter, 4(3-0)

Analysis of urban social and political organization and the policy-making process. Selected topics such as urban neighborhoods, class and sub-culture and urban bureaucracy.

252. Urban Policy Problems
Spring, 4(3-0)

The study of contemporary urban problems, their policy implications and the role of these problems in the future cities. Students must confront alternative solutions and their value assumptions.

IDC. Introduction to Contemporary China
For course description, see Interdisciplinary Courses.

IDC. Contemporary Japan
For course description, see Interdisciplinary Courses.

270. Legal and Political Theory I
Fall, 4(3-0)

Major political problems studied through selected works of classical and medieval political and legal theory. Emphasis on Greek concepts of 'polis' and the influence of classical theory on Western Politics.

271. Legal and Political Theory II
Winter, 4(3-0) M C 270 or approval of college.

Political and legal theories of the 16th, 17th, and 18th centuries which form the foundations of liberal political thought. Emphasis on the relation of political values and the institutions of Western society.

272. Legal and Political Theory III
Spring, 4(3-0) M C 271 or approval of college.

Political and legal theories of the 19th and 20th centuries. Emphasis on interrelations with social theory and values and social and economic institutions of modern society.

275. The Theoretical Foundations of Constitutional Democracy
Fall, Winter, Spring, 4(3-0)

Origins and development of principles of constitutional or liberal democracy. Philosophical and practical problems that characteristically manifest themselves in regimes based on those principles.

278. Social Problems and Human Values
Winter, 4(3-0)

Critical examination of selected social problems from the viewpoint of normative ethics.

282. Stratification: Class and Caste in Intergroup Relations I
Fall, 4(3-0)

The meaning and causes of social inequality, especially in multi-ethnic and multi-racial societies. Relations among classes and castes. Equality of opportunity, caste and class mobility.

283. Stratification: Class and Caste in Intergroup Relations II
Winter, 4(3-0) M C 282 recommended.

A continuation of M C 282.

284. Immigration, Assimilation and Pluralism
Spring of odd-numbered years, 4(3-0) Interdepartmental with the Department of History.

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.

285. Nonwhite Minorities and American Pluralism
Spring of even-numbered years, 4(3-0)

Comparative examination of the experience of black and other non-white minorities in America. Topics include caste and class relations, mobility, assimilation and pluralism.

290. Special Topics
Fall, Winter, Spring, 4(3-0) May reenroll for a maximum of 20 credits.

Selected topics drawn from the major social, political, and economic problems confronting public policy practitioners and social scientists.

295. Independent Study
Fall, Winter, Spring, Summer, 1 to 4 credits. May reenroll for a maximum of 12 credits. Approval of college.

320. Policy Problems and Development Strategies in the Third World
Fall, Winter, Spring, 4(3-0) M C 226.

International and domestic policies and their effects on development. Constraints and opportunities within the domestic and international environments. Evaluation of different strategies.

**Descriptions — James Madison College
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322. Policy Problems in International Organization
Fall, Spring, 4(3-0) M C 220 recommended.

Policy problems confronting international and supernational organizations; an examination of decision-making structures and processes.

324. Natural Resources and World Politics
Spring, 4(3-0) M C 220 recommended.

World distribution of human and physical resources and their impact on world politics; a systematic examination of one or more cases, focusing on selected underdeveloped and developed states or regions.

326. The Comparative Analysis of Foreign Policy
Fall, Winter, Spring, 4(3-0) M C 221.

Compares how the foreign policymaking process operates in different countries (developed and developing) confronted by the same problems, and how each country treats different sorts of issues (security and non-security).

328. Revolutionary Change: Theories and Cases
Winter of odd-numbered years, 4(3-0) M C 220 recommended.

Major theories of revolution and selected case studies of violent revolutionary transformations of societies, and the relationship of such cases to world politics.

IDC. Contemporary South Asia
For course description, see Interdisciplinary Courses.

342. The Budgetary Process and Program Analysis
Spring, 4(3-0) EC 201, EC 202, M C 245.

The place of the budgetary process in public policymaking. The conflicts between economic considerations, bureaucratic imperatives, and political institutions. Budgetary development and reform.

345. Economic and Social Policy and the Political Process
Winter, 4(3-0) May reenroll for a maximum of 8 credits when a different topic is taken. EC 201, EC 202.

Case study approach: A selected topic is studied in some depth, emphasizing interrelations between economic and social factors, within the context of political processes affecting program formulation and implementation.

349. Private Power and the Public Interest
Winter, 4(3-0)

Private interests' influence on public policy and the public interest. Studies of Congress, the executive branch, state legislatures and political parties. Case examples drawn from field experience with participating agencies.

351. Urban Economics
(452.) Fall, 4(3-0) EC 201, EC 202.

Economic structure and contemporary economic conditions in American metropolises. Application of economic analysis to urban problems and policies.

352. Urban Institutions
Winter, 4(3-0) M C 251, M C 252 or approval of college.

Selected urban institutions and public policy; the city and metropolis as a setting for providing services, making regulations, and managing resources.

370. The Legal System I
Fall, 4(3-0)

Introductory study of the legal system; creation of statutes, common law rules, their application by courts and consumption by individuals, role of the legal system in formulating social policy.

371. The Legal System II
Winter, 4(3-0)

Introductory study of the legal system; creation of statutes, common law rules, their application by courts and consumption by individuals, role of the legal system in formulating social policy.

374. Theories of Justice
Spring, 4(3-0) M C 270, M C 271, M C 272 or approval of college.

Contrasting theories of the principles and problems of justice and of the conditions (psychological, social, economic and political) which make justice possible.

375. Social Ethics
Winter, 4(3-0) M C 270, M C 271, M C 272 or approval of college.

The problems of value (e.g., nihilism, alienation, technocracy) posed for the individual and society in a world shaped by advanced industrial society.

380. Social Politics of Intergroup Relations
Fall, 4(3-0)

Minority groups and movements as collective behavior phenomena. Leadership roles and organizational strategies in the 'civil rights movement'. Comparisons with racists and segregationist groups and movements.

381. Intergroup Relations and the Law
Winter, 4(3-0)

Relationship between law and opinion as it affects regulation of intergroup relations. Litigation, legislation and administrative action. Transformation from 'de jure' to 'de facto' segregation.

383. The Jews, Anti-Semitism and Intergroup Relations
Spring, 4(3-0)

Jewish experiences viewed historically and sociologically. Particular emphasis on anti-Semitism as a social phenomenon and the relevance of the concepts of assimilation, acculturation and pluralism to Jewish experience.

390. Field Experience
Fall, Winter, Spring, Summer, 15 credits. Juniors.

Participant observation in organizations currently engaged in making, influencing, implementing or analyzing policies pursued by public or private organizations relevant to college programs. Designed to provide insight into and knowledge of policy problems and the way organizations deal with them.

420. Senior Seminars in International Relations
Fall, Winter, Spring, 5(4-0) May reenroll for a maximum of 15 credits. James Madison College majors or approval of college.

Selected major international issues in a seminar form. Case studies, student's field experience, seminal literature, or analysis of writings of key thinkers in the field may be emphasized.

440. Senior Seminars in Economic and Social Policy Problems
Fall, Winter, Spring, 5(4-0) May reenroll for a maximum of 15 credits. EC 325, M C 342, or approval of college.

Contemporary social and economic issues in seminar form. Case studies, student's field experience, seminal literature, or analysis of writings of key thinkers in the field may be emphasized.

450. Senior Seminars in Urban Community Policy Problems
Fall, Winter, Spring, 5(4-0) May reenroll for a maximum of 15 credits. James Madison College majors or approval of college.

Seminar study of selected policy problems including urban management and decision making. Case studies, student's field experience, seminal literature, or analysis of writings of key thinkers in the field may be emphasized.

470. Senior Seminars in Problems of Justice, Morality and Constitutional Democracy
Fall, Winter, Spring, 5(4-0) May reenroll for a maximum of 15 credits. James Madison College majors or approval of college.

Seminar study of selected problems in political and legal theory and their relations to policy making. Case studies, student's field experience, seminal literature, or analysis of writings of key thinkers may be emphasized.

480. Senior Seminars in Intergroup Relations
Fall, Winter, Spring, 5(4-0) May reenroll for a maximum of 15 credits. James Madison College majors or approval of college.

Study and assessment of policies relating to major minority groups in a seminar form. Case studies, student's field experience, seminal literature, or analysis of writings of key thinkers in the field may be emphasized.

495. Independent Study
Fall, Winter, Spring, Summer, 1 to 4 credits. May reenroll for a maximum of 12 credits. Approval of academic adviser and instructor.

498H. Independent Study: Honors
Fall, Winter, Spring, 4 credits. May reenroll for a maximum of 12 credits. Prior approval of instructor; Madison College major; Honors College student or approval of instructor.

Advanced and enriched supervised study on topics related to a student's field but not available through regular curricular offerings. May be used for honors thesis.

JAPANESE

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

JOURNALISM JRN

College of Communication Arts and Sciences

110. Journalism in a Free Society
Fall, Winter, Spring, 3(3-0)
Examination of the role of journalism in the mass communications process and its significance in a free society.