

400V. Distinguished Visiting Professor Series

Fall, Winter, Spring. Variable credit. 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.

421. Seminar on Recent Advances in Science and Mathematics

Fall, Winter, Spring, Summer. 2(2-0) May re-enroll for a maximum of 6 credits. Bachelor's degree.

A structured course which cuts across the other four major offerings. Selected topics in recent developments will be discussed by staff members and guest lecturers. Recent research is stressed and effort is made to show the inter-relatedness of the topics to general science course content materials.

432. Introduction to Meteorology

Spring. 3(3-0) Credit may be counted in either of the cooperating departments. Interdisciplinary with the Departments of Agricultural Engineering and Geology. Administered by the Agricultural Engineering Department.

A purview of atmospheric science including a study of the interactions between meteorology and living organisms.

433. Introductory Meteorology Laboratory

Spring. 1(0-2) 432 or concurrently. Credit may be counted in either of the cooperating departments. Interdisciplinary with the Departments of Agricultural Engineering and Geology. Administered by the Agricultural Engineering Department.

Weather map analysis, meteorological experimentation and instrumentation.

435. Microclimatology

Fall. 3(3-0) MTH 108. Administered by Agricultural Engineering Department.

The physical environment in the lower few hundred meters of the atmosphere and within the biosphere is described and the components of the energy budget are qualitatively evaluated.

476. Canadian-American Studies

Spring. 4(3-0) May re-enroll for a maximum of 8 credits. Credits may be counted in any of the cooperating departments. Interdisciplinary with the following: Anthropology, Secondary Education, English, Geography, History, and Romance Languages. Administered by the Canadian-American Studies Committee. Juniors.

Introduction to Canadian-American Studies. Materials from various disciplines enable the student to integrate subject-matter, areas, and methodology. Content varies from term to term, but course is always focused upon significant issues and subjects in the interrelated fields of Canada and the United States.

488. The Impact of Animal Resource Management Upon the World's Developing Nations

Winter. 3(4-0) Interdisciplinary with the following departments: Agriculture, Animal Husbandry, Crop and Soil Sciences, Dairy Science, Large Animal Surgery and Medicine, and Poultry Science, and administered by the Animal Husbandry Department.

Role of the domesticated animal resources of the underdeveloped world as managed by man to produce essential nutrients to alleviate starvation and deficiency disease and in diversifying economic development in the utilization of land resources.

800V. Distinguished Visiting Professor Series

Fall, Winter, Spring. Variable credit. 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.

803. Seminar in Industrial Relations

Fall, Winter, Spring. 4(3-0) May re-enroll for a maximum of 16 credits, all applicable to the student's major field, with approval of the student's major department. Conducted jointly by the Departments of Economics, Management, Political Science, Psychology, and Sociology, and the School of Labor and Industrial Relations. Administered by the School of Labor and Industrial Relations.

Research and literature in industrial relations with emphasis on current research.

838. Interdisciplinary Seminar on Africa

Fall. 4 credits. Approval of department. Credits may be counted in any of the cooperating departments. Interdisciplinary with the following departments: Anthropology, Economics, Education, Geography, History, Linguistics, Political Science, and Sociology. Administered by the Anthropology Department.

Behavioral science problems in an African setting, viewed from perspective of relevant social science and humanistic disciplines associated with the African Studies Center.

ITALIAN

See Romance Languages

JAMES MADISON COLLEGE

M C

111. American Thought and Language

Fall. 3(3-0) Students may not receive credit in both M C 111 and ATL 111.

Emphasis is on language skills, particularly expository writing and effective reading through the use of selected American documents, political, social and literary.

112. American Thought and Language

Winter. 3(3-0) 111. Students may not receive credit in both M C 112 and ATL 112. Continuation of 111.

113. American Thought and Language

Spring. 3(3-0) 112. Students may not receive credit in both M C 113 and ATL 113. Continuation of 112.

191. Natural Science

Fall. 4(2-3) Students may not receive credit in both M C 191 and N S 191.

The role played by theories in physical science in man's attempt to find a unified view of nature. The Copernican Revolution and molecular and atomic theories related to man's concept of the universe and the nature of matter. Emphasis is placed on the social and philosophical preconditions necessary for the development and modification of scientific ideas.

192. Natural Science

Winter. 4(2-3) 191. Students may not receive credit in both M C 192 and N S 192.

Development and structure of the theory of the cell and the theory of the gene with subsequent modifications of these theories as new data are gathered. Emphasis is on the nature and limitations of scientific knowledge.

193. Natural Science

Spring. 4(2-3) 192. Students may not receive credit in both M C 193 and N S 193.

Some major controversies in science: Neptunism vs. Plutonism, Catastrophism vs. Uniformitarianism, and Organic Evolution vs. Fixity of Species. Emphasis is placed on the development of the controversies, their resolution and the impact of the controversies on both science and society.

200. Introduction to the Study of Policy Problems

Fall, Winter. 4(2-2)

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, Spring. 4(2-2) 200.

Continuation of 200.

202. Introduction to the study of Policy Problems

Fall, Spring. 4(2-2) 201.

Continuation of 201.

204. Mathematics for Social Scientists

Fall, Winter. 4(2-2)

Introduction to probability theory, conditions of uncertainty, set theory, matrix algebra, and statistical tests. Applications to social science research.

205. Methodology for Policy Sciences

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

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.

215. Utopia and the Quest for Social Progress

Winter. 4(3-0)

Survey of utopian thought and literary utopias combined with detailed study of selected major utopias from *The Republic* to *Walden Two*.

218. Contemporary Ideologies

Winter, Spring. 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

Winter. 4(3-0).

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.

226. Socio-Cultural Factors in Developmental Change

(326.) Fall. 4(3-0) 220 recommended.

The network of socio-cultural institutions related to economic decay, stagnation, or development. Conditions under which socio-cultural factors accelerate or retard economic development.

227. Political Factors in Modernizing Societies

(320.) Fall. 4(3-0) 220 recommended.

Internal political factors related to the search for stability and development.

230. Education and Poverty

Spring. 4(3-0)

The relationship between education, poverty, and the institutional structures affecting the distribution of opportunity in technologically advanced societies. Surveys current theoretical and empirical literature and explores relevant major sociological and psychological concepts.

240. Applications of Economic Policy Analysis

Spring. 4(3-0) EC 200 and 201 or 210.

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

250. Historical Development of Urban Society

Fall. 4(3-0)

The evolution of cities, especially since the industrial revolution. Particular stress will be placed on urban anthropology and urban economic history. Emphasizes policy science orientation.

251. The Contemporary American City

Winter. 4(3-0)

Analysis of the systemic nature of current urban patterns, emphasizing the linkages among the social sciences. Selected topics such as urban transportation systems or urban aesthetics will demonstrate these interconnections.

252. Urban Policy Problems

Spring. 4(3-0)

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

270. Legal and Political Theory I

Fall. 4(3-0)

An introduction to some of the major problems of politics as reflected in various significant political philosophies. Problems considered will include constitutionalism, equality, federalism, representation, minority rights.

271. Legal and Political Theory II

Winter. 4(3-0)

An introduction to some of the major problems of politics as reflected in various significant political philosophies. Problems considered will include constitutionalism, equality, federalism, representation, minority rights.

273. Social Problems and Human Values I

Winter. 4(3-0)

Critical examination of selected social problems from viewpoint of normative ethics. No single normative position will be selected as definitive but several will be evaluated, i.e., utilitarianism, Kantianism, intuitionism, pragmatism.

274. Social Problems and Human Values II

Spring. 4(3-0)

Critical examination of selected social problems from viewpoint of normative ethics. No single normative position will be selected as definitive but several will be evaluated, i.e., utilitarianism, Kantianism, intuitionism, pragmatism.

280. The Study of Intergroup Relations

Fall. 4(3-0)

An examination of social science literature analyzing intergroup relations. Topics include race and racism, ethnicity and religious sectarianism, the social and psychological roots of prejudice and the institutionalization of discrimination.

281. Immigration, Assimilation and Pluralism

Winter. 4(3-0)

Relationships between immigrant groups primarily from an historical point of view. Theories of Americanization, assimilation vs. cultural pluralism, and restrictionist legislation.

290. Special Topics

Fall, Winter, Spring. 4(3-0) May re-enroll for a maximum of 12 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. 1 to 4 credits. May re-enroll for a maximum of 12 credits. Approval of college.

321. The American Foreign Policy and Defense Establishment

Fall. 4(3-0) 220 recommended.

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

323. Technology, Weapons and World Politics

Winter. 4(3-0) 220 recommended.

A consideration of the changes in weaponry resulting from technological change, and the manner in which these are affecting action and interaction in world politics.

324. Natural Resources and World Politics

Fall. 4(3-0) 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.

327. Ideologies and World Politics

Winter of even-numbered years. 4(3-0) 220 recommended.

The impact of selected contemporary ideologies on policy formulation. (Examples: Nationalism, Fascism, Communism, Maoism, Zionism, Pan-Arabism.)

328. Revolutionary Change: Theories and Cases

Winter of odd-numbered years. 4(3-0) 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.

330. Human Relations and Personal Growth

Winter, Spring. 4(4-0) Juniors or approval of department.

The theory and concepts of human relations and personal growth. Emphasis on training and group behavior. Critical evaluation of the application of human relations training in various circumstances.

341. Manpower Policy Problems and Institutions

Winter. 4(3-0)

Labor force composition, measurement concepts and significance of future trends; evaluation of the public employment service and various vocational, apprenticeship and retraining programs as components of an active manpower policy.

343. Population Problems in a Changing America

Fall. 4(3-0)

Theories of demography; an examination of population composition and future trends; emphasis on the social, economic and fiscal implications of population growth and distribution in urban and rural America.

346. The Poor and Disadvantaged in Industrial Societies

Winter. 4(3-0)

The historical, institutional, economic and social aspects of welfare problems and policy in the United States with appropriate reference to the experience of other countries.

350. Community Problems in Mental Health

Winter. 4(3-0)

Particular attention will be devoted to the causes of human stress and the relationship between stress and mental health.

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)

Consideration of contrasting theories of justice. Plato, Kant, Mill and Locke will be examined and contrasted with legal positivism and communism. Attention also given prominent non-Western theories of justice.

375. Social Ethics

Fall. 4(3-0)

Interpretations of what normative standards mean in terms of current meta-ethical theories. Implication of interpretations when applied to such social problems as civil disobedience, public interest, education, and constitutionalism.

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.

- 382. Religion and Intergroup Relations**
Winter, Spring. 4(3-0)
 Religious doctrine as source of attitudes and ideas relevant to intergroup relations. Sectarian organization as source of conflict. Church-state policy problems. Church-sponsored programs and role of the ministry in intergroup relations.
- 383. The Jews, Anti-Semitism and Intergroup Relations**
Spring. 4(3-0)
 Jewish experience 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.
- 385. Black Protest Thought**
Spring. 4(3-0)
 Alternative major doctrines and policy proposals concerning race relations as expressed by such spokesmen as Booker T. Washington, W. E. B. DuBois, Martin Luther King, Jr., and Malcolm X.
- 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. Case Studies in International Relations**
Fall, Winter, Spring. 5(4-0) May re-enroll for a maximum of 15 credits.
 Examination of selected major international issues confronting the United States. Utilizes students' field experience.
- 422. Policy Problems in International Organization**
Fall. 4(3-0) 220 recommended.
 Policy problems confronting international and supernational organizations; an examination of decision-making structures and processes.
- 424. Conflict Resolution in World Politics**
Spring. 4(3-0) 220 recommended.
 The accommodation of competitive political interests and the resolution of international conflict with special attention to the problems of negotiation, diplomacy, war and world order.
- 440. Case Studies in Economic and Social Policy Problems**
Fall, Winter, Spring. 5(4-0) May re-enroll for a maximum of 15 credits.
 A senior seminar which would examine, from the standpoint of individual students' field experience and a national and international perspective, contemporary social and economic issues.
- 443. National Social Policy and the Political Process**
Winter. 4(3-0)
 An examination through the use of the case-study method of the relationship between social policy and the political process.
- 444. National Economic Policy and the Political Process**
Fall. 4(3-0)
 An examination through the use of the case study method of the relationship between economic policy and the political process.

- 450. Case Studies in Urban Community Policy Problems**
Fall, Winter, Spring. 5(4-0) May re-enroll for a maximum of 15 credits.
 Selected policy problems. Particular attention will be given to urban management, including complex networks of urban decision-making. Analysis of students' field experiences. Guest speakers and urban games will be utilized.
- 452. Urban Economics**
Fall. 4(3-0)
 Study of economic structure and contemporary economic problems in the American metropolis. Includes such topics as the economic base of cities, income and capital flow, and unemployment.
- 470. Case Studies in Problems of Justice, Morality and Constitutional Democracy**
Fall, Winter, Spring. 5(4-0) May re-enroll for a maximum of 15 credits.
 An intensive study of selected problems in political, legal and value theory and their relations to social policy making.
- 480. Case Studies in Intergroup Relations**
Fall, Winter, Spring. 5(4-0) May re-enroll for a maximum of 15 credits.
 Analysis of case histories as a basis for establishing policies for dealing with major minority groups (Negro, Puerto Rican, Appalachian White, Indian). Utilizes field experience of students.
- 495. Independent Study**
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 12 credits. Approval of academic adviser and instructor.

JAPANESE

See Linguistics and Oriental and African Languages

JOURNALISM

JRN

College of Communication Arts

- 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.
- 200H. Honors Work—The Press and Contemporary Issues**
Spring. 4(4-0) Minimum 3.0 grade-point average; not open to Freshmen; approval of school.
 The press as it reflects and is affected by selected contemporary issues. Issues will be determined by their timeliness and the special qualifications and interests of the faculty member.
- 201. News Writing**
Fall, Winter, Spring. 4(2-4) ATL 113, pass typing test. Must type 25 words per minute.
 Introduction to news writing; news story style, structure, and readability.

- 300. Reporting**
Fall, Winter, Spring, Summer. 4(2-6)
 201, Juniors or approved of school. Minimum ability to type.
 Sources, interviewing techniques, and reporting of routine stories—deaths, crimes, accidents, meetings, speeches, and simple features.
- 306. Television and Radio News**
Fall, Spring. 4(2-4) 201 or approval of school.
 Writing news scripts; wire service material for television and radio. Work in WMSB television newsroom.
- 310. Introduction to Photo-Journalism**
Fall, Winter, Spring. 4(2-4) 300 for majors; Juniors.
 Press photo content and techniques; camera and darkroom operation and theory.
- 318. Technical Writing**
Fall, Winter, Spring. 3(3-0) Juniors; non-majors.
 The preparation of articles about scientific research and related subjects. Sources for articles include reports and interviews with scientists.
- 402. Supervising High School Publications**
Spring, Summer. 3(3-0) Juniors; non-majors. Interdepartmental with Education.
 Staff organization, make-up, illustration, copy preparation, advertising, and editorial policies of school newspapers and yearbooks.
- 403. Reporting Public Affairs**
Fall, Winter, Spring. 4(2-4) 300.
 Reporting community, court, political and governmental activities.
- 407. Science Writing**
Fall, Spring, Summer. 3(3-0) Majors: 300; others: 201.
 The preparation of science stories for the mass media. Emphasis is on the techniques and responsibilities of science writers.
- 412. Editorial Writing**
Spring. 3(3-0) Seniors; approval of school.
 Structure, style and underlying principles of the editorial. Practice in writing editorials. Critiques of editorials.
- 415. Advanced Reporting**
Fall, Winter, Spring. 4(0-8) 403.
 Interpretive reporting in special fields.
- 419. News Editing**
Fall, Winter, Spring. 4(2-2) 300.
 Functions, responsibilities and techniques of news editing; evaluation and processing of news; headline writing; picture editing; page makeup.
- 422. Newspaper Editorial Management**
Winter. 4(4-0) Seniors.
 Editorial ethics, practices, procedures, policies, and problems, with emphasis on application at organization and administration levels.
- 428. History of Journalism**
Fall, Winter. 3(3-0) Juniors. Required of majors.
 Critical analysis of the history of the mass media of communications.
- 430. Press Rights and Responsibilities**
Fall, Winter. 4(3-0) Seniors.
 Legal problems in news gathering, publishing, and commenting; principles of freedom of the press.