

MORRISON INSTITUTE FOR POPULATION AND RESOURCE STUDIES

Faculty: (Director) Marcus W. Feldman (Biological Sciences); Carl Djerassi (Chemistry), William Durham (Anthropological Sciences), Paul R. Ehrlich (Biological Sciences), Lawrence H. Goulder (Economics, Institute for International Studies), Mary Lake Polan (Gynecology and Obstetrics)

Consulting Professor: Shripad Tuljapurkar

Although Stanford University does not have a formal degree program in population studies, it does have scholars of international reputation in such specialties as demographic history, demographic methods, economic demography, epidemiology, population biology, population genetics, and the sociology and anthropology of populations.

The Morrison Institute for Population and Resource Studies is an interdisciplinary group serving three major functions: (1) encouraging graduate work in population studies through fellowship grants and supervision, (2) instituting courses and seminars in population studies, and (3) bringing visiting faculty to Stanford to strengthen existing course offerings. The institute also organizes an interdisciplinary Colloquium on Population Studies to introduce upper-division undergraduates and graduate students to a variety of issues in population-related specialties.

For the convenience of interested students, offerings of population and resource studies at Stanford are listed below.

COURSES

ANTHROPOLOGICAL SCIENCES

7. Marriage and Kinship

5 units, Win (Wolf)

8. Introduction to Anthropological Genetics

5 units, Win (Mountain)

9. Human Environments and Adaptations

3-5 units (Staff) not given 2000-01

112. Human Diversity: A Linguistic Perspective—(Same as Human Biology 118.)

3 units, Spr (Ruhlen)

124. Perspectives on Sustainable Development in Latin America

5 units, Win (Rosset)

150. Population and Society

5 units (Wolf) not given 2000-01

151. Demography in Anthropology

5 units (Staff) not given 2000-01

153. The Population Question: From Malthus to Rio

3-5 units (Durham) not given 2000-01

154. The Limits to Growth

3-5 units (Staff) not given 2000-01

160. Development and Environment

5 units (Staff) not given 2000-01

161A. Conservation and Development Issues in the Amazon—(Same as Human Biology 136.)

5 units, Win (Stronza, Durham)

161B. Human Ecology of the Amazon

5 units (Lu) not given 2000-01

162. Indigenous Peoples and Environmental Problems

3-5 units (Durham) not given 2000-01

163. Community-Based Conservation

5 units (Staff) not given 2000-01

164. Ecological Anthropology—(Same as Human Biology 134.)

5 units (Durham) not given 2000-01

165. South Asia: Environment, Development, and Security

5 units, Spr (Rosencranz)

166B/266B. Fishing for Solutions: Issues in Marine Conservation

3-5 units, Win (Novy)

168A. Ecology and Equity

5 units, not given 2000-01

168B. Environmental Justice

5 units, Aut (Lu)

170/270. Medical Anthropology

5 units, Aut (Barnett)

204. Culture and Politics in South Asia

5 units (Staff) not given 2000-01

213. Topics in Linguistic Anthropology

5 units, Aut (Fox)

237. Climate and Human Evolution

5 units (Staff) not given 2000-01

250. Advanced Ecological Anthropology

5 units, Win (Durham)

251. Anthropological Solutions to Environmental Problems

5 units (Staff) not given 2000-01

252. Political Ecology

5 units (Durham) not given 2000-01

266. Human Evolutionary Ecology

5 units, Spr (Lu)

BIOLOGICAL SCIENCES

13N. Stanford Introductory Seminar: Environmental Problems and Solutions

3 units, Spr (Ehrlich)

15N. Stanford Introductory Seminar: Environmental Literacy

3 units (Schneider) alternate years, given 2001-02

16N. Stanford Introductory Seminar: Island Ecology

3 units, Win (Vitousek) alternate years, not given 2001-02

43. Physiology, Ecology, and Behavioral Biology

5 units, Spr (Vitousek, Gordon, Heller, Jones, Ray)

117. Biology and Global Change—(Same as Earth Systems 111.)

3 units, Win (Matson, Vitousek, Mooney)

125. Ecosystems of California

3-4 units, Spr (Mooney)

138. Ecology and Evolution of Plants

3-5 units (Ackerly) alternate years, given 2001-02

140. Population Biology of Butterflies

2-5 units, Spr (Ehrlich)

142/242. Principles of Ecology—(Same as Geophysics 142.)

4 units, Aut (Roughgarden)

146. Colloquium on Population Studies

1 unit, Win (Feldman)

147. Controlling Climate Change in the 21st Century—(Same as Human Biology 147.)

3 units, Aut (Schneider, Rosencranz)

173H/273H. Marine Conservation Biology

3 units (B. Block) alternate years, given 2001-02

175H. Problems in Marine Ecology and Ecophysiology

8 units, Spr (Watanabe, Denny, Micheli, Somero, Epel, B. Block)

194/294. Seminar in Environmental Policy Research

3 units (Ehrlich) alternate years, given 2001-02

216. Ecosystem Ecology and Global Biogeochemistry

3 units, Spr (Vitousek) alternate years, not given 2001-02

217. Climate Theory, Modeling, Applications, and Implications

3 units (Schneider) alternate years, given 2001-02

302,303,304. Current Topics in Ecology and Evolution

1 unit, Aut, Win, Spr (Bohannan)

383. Seminar in Population Genetics

1-3 units, Aut, Win, Spr (Feldman)

384. Seminar in Theoretical Ecology—(Same as Geophysics 385Y.)

1-3 units, Spr (Roughgarden)

459. Frontiers in Interdisciplinary Biosciences

2 units, Aut, Win, Spr (S. Block)

CIVIL AND ENVIRONMENTAL ENGINEERING

61Q. Stanford Introductory Dialogue: Big Dams, the City Hall, and the Sierra Club

2 units, Aut (Kitanidis)

64. Air Pollution: From Urban Smog to Global Change

3 units, Spr (Jacobson)

70. Environmental Science and Technology

3 units, Spr (Luthy)

99A,B,C. Environmental-Issues Seminar

1 unit, Aut, Win, Spr (Monismith)

169. Environmental and Water Studies Design

5 units, alternate years, given 2001-02

171. Environmental Planning Methods

3 units, Win (Ortolano)

172. Air Quality Management

3 units, Win (Hildemann)

173A. Energy Resources

4 units, Aut (Woodward)

173B. Seminar: The Coming Energy

3 units (Woodward) alternate years, given 2001-02

265. Sustainable Water Resources Development

3 units, Win (Ortolano)

266. Environmental Policy Design and Implementation

4 units (Ortolano) given 2001-02

CULTURAL AND SOCIAL ANTHROPOLOGY

86. Environmental Politics and Development

5 units (Gupta) not given 2000-01

133A,B,C. Ethics of Development in a Global Environment (EDGE)—(Same as Engineering 297A,B,C.)

1-4 units, Aut, Win, Spr (Lusignan, Gupta)

EARTH SYSTEMS

10. Introduction to Earth Systems

3-5 units, Win (Ernst)

101. Energy and the Environment—(Same as Petroleum Engineering 101.)

3 units, Spr (Kovscek)

103. Energy Resources—(Same as Civil and Environmental Engineering 173A.)

4 units, Aut (Woodward)

111. Biosphere—(Same as Biological Sciences 117.)

3 units, Win (Matson, Vitousek, Mooney)

150/240. Seminar in Sustainable Agriculture

1-2 units, Spr (Matson, Naylor, Kennedy) alternate years, not given 2001-02

170/270. Multidisciplinary Perspectives on Environmental Justice

2-3 units (Thompson) not given 2000-01

ECONOMICS

99Q. Stanford Introductory Seminar: State, Market, and Development

5 units, Aut (Meier)

106. The World Food Economy

5 units, Win (Falcon, Naylor)

118. The Economics of Development

5 units, Aut (Chun)

121. Development Economics, with Special Reference to East Asia

5 units, Spr (Lau)

155. Environmental Economics and Policy—(Same as Earth Systems 112.)

5 units, Spr (Goulder)

165. International Economics

5 units, Win (Kumhof)
Spr (Razin)

214. Microeconomic Issues in Economic Development

5 units, Win (A. Krueger)

243. Economics of the Environment

5 units, Aut (Goulder)

248. Health, Medical Care, and Aging

5 units, not given 2000-01

GEOLOGICAL AND ENVIRONMENTAL SCIENCES

44N. Stanford Introductory Seminar: Emerging Issues in Global Environmental Change

3 units (Matson) alternate years, given 2001-02

45N. Stanford Introductory Seminar: Environment Quality, Is It Getting Better or Worse?

3 units, Win (Switzer) alternate years, not given 2001-02

133. Introduction to Assessment of Environmental Risk

3 units, Win (Bernknopf)

160. Introduction to Statistical Methods for Earth and Environmental Sciences

4 units, Spr (Switzer)

170. Environmental Geochemistry

4 units, Win (Brown)

223. Seminar in Sustainable Agriculture

2-3 units (Matson, Naylor) alternate years, given 2001-02

257. Climate Variability and Forcing Mechanisms of the last 10,000 Years: Implications for Life in the 21st Century

3 units (Dunbar) alternate years, given 2001-02

HEALTH RESEARCH AND POLICY

89Q. Stanford Introductory Seminar: Cross-Cultural Issues in Medicine

3 units, Win (I. Corso)

229. Occupational and Environmental Epidemiology

3 units, Aut (Kheifets)

HISTORY

65. Introduction to Comparative Studies in Race and Ethnicity

5 units, Spr (Camarillo)

80. Culture, Politics, and Society in Latin America

5 units, Win (Wirth)

186A. Modern South Asia: History, Society, Cultures—(Same as Cultural and Social Anthropology 75/175.)

5 units, Win (Mancall, Pandya)

202D. Undergraduate Colloquium: Biological Approaches to History

5 units, Win (López-Alonso)

277. Undergraduate Colloquium: History and Public Policy—The Political Economy of Economic Growth

5 units, Aut (López-Alonso)

278. Undergraduate Colloquium: Historical Aspects of Underdevelopment in Latin America

5 units (Haber) not given 2000-01

281A/381A. Undergraduate/Graduate Colloquium: Environmental History of the Americas

5 units, Spr (Wirth)

282/382. Undergraduate/Graduate Colloquium: The Agrarian Origins of Underdevelopment in Latin America

5 units, Spr (Summerhill)

HUMAN BIOLOGY

118. Human Diversity: A Linguistic Perspective—(Same as Anthropological Sciences 112.)

3 units, Spr (Ruhlen)

119. Conservation Biology

3-4 units, Win (Boggs, Launer)

125. Environmental Policy and Law

5 units, Spr (Rosencranz)

131. Natural Resources Policy and Law

5 units, Win (Rosencranz)

136. Conservation and Development Issues in the Amazon—(Same as Anthropological Sciences 161A.)

5 units, Win (Stronza, Durham)

141. Race, Poverty, and the Environment

5 units, Spr (Rosencranz)

143. Globalization, Labor, and the Environment

4 units, Win (Rosencranz)

147. Controlling Climate Change in the 21st Century—(Same as Biological Sciences 147.)

3 units, Aut (Schneider, Rosencranz)

150. Gender-Specific Perspectives on Birth Control

6 units (Djerassi) given 2001-02

152. Environmental Policies and Institutions in Developing Countries

5 units (Rosencranz) not given 2001-02

160W. Seminar in Federal Health and Environment Programs/Agencies

3 units, Aut (Lee)

167. International Health

3 units, Spr (Wang)

172. Indigenous Forest Management

5 units, Aut (Irvine)

181. Evolutionary Anthropology

5 units (Durham) not given 2000-01

INTERNATIONAL POLICY STUDIES

215. International Environmental Politics

5 units, Win (Mitchell)

INTERNATIONAL RELATIONS

129. International Health Policy: Comparative National Health-Care Systems

3 units, Win (Lee)

134. Global Environmental Policy and Law

5 units, Aut (Rosencranz)

215. International Environmental Politics

5 units, Win (Mitchell)

LATIN AMERICAN STUDIES

87Q. Stanford Introductory Seminar: Urbanization, Poverty, and Children in Latin America

5 units, Spr (Morrison)

MANAGEMENT SCIENCE AND ENGINEERING

192Q. Stanford Introductory Seminar: International Environmental Policy

4 units, Aut (Weyant)

194/294. The Role of Analysis in Environmental Policy Decisions

3-5 units, Spr (North)

195. International Security in a Changing World—(Same as Political Science 138.)

5 units, Win (Blacker, May, Perry, Sagan)

248. Economics of Natural Resources

4 units (Sweeney) not given 2000-01

249. Growth and Development

3 units, Sum (de La Grandville)

298. Technology, Policy, and Management in Newly-Industrializing Countries—(Same as Science, Technology, and Society 279.)

2-4 units (Forbes) given 2001-02

446. Transportation, Energy, and Environment Research Roundtable (TEERR)

1 unit (Sweeney) not given 2000-01

OVERSEAS STUDIES

MOSCOW

21. Ethnic Moscow

3 units, Aut (Abashkin)

120X. Economic Reform and Economic Policy in Modern Russia

5 units, Aut (Mau)

PUEBLA

114X. Developmental Macroeconomics: The Mexican Case

5 units, Win (Cárdenas)

SANTIAGO

106H. Man-Environment Interactions: Case Studies from Central Chile

5 units, Aut (Hajek)

130X. Latin American Economies in Transition

5 units, Aut (Muñoz)

160X. Latin America in the International Economy

5 units, Win (Di Filippo)

162X. Core Seminar: Ecology-Policy Studies

5 units, Win (Hajek)

TOKYO

176K. Energy and Climate Change: The Japanese Approach

3 units, Spr (Masters)

PETROLEUM ENGINEERING

101. Energy and the Environment—(Same as Earth Systems 101.)

3 units, Spr (Kovscek)

260. Groundwater Pollution and Oil Spills: Environmental Problems in the Petroleum Industry

3 units (Staff) not given 2000-01

PHILOSOPHY

77. The Ethics of Social Decisions: Issues in Surrogate Decision-Making

4 units, Spr (Rosner)

POLITICAL SCIENCE

138. International Security in a Changing World—(Same as Management Science and Engineering 195.)

5 units, Win (Blacker, May, Perry, Sagan)

167/267. Seminar: Gender, Development, and Women's Human Rights in International Perspective

5 units (Okin) not given 2000-01

213P. Seminar: Economic Reform and Development in Latin America

5 units, Spr (Packenham)

216M. Seminar: Environmental Politics in the Asia/Pacific Region

5 units (Oksenberg) not given 2000-01

297. Graduate Seminar: The Political Economy of Immigration

5 units (Wong) not given 2000-01

340. Seminar: New Approaches to International Security

5 units, Aut (Eden, O'Neill)

PUBLIC POLICY

50. Current Trends in Policy Making

3 units, Spr (Noll)

SCIENCE, MATHEMATICS, ENGINEERING CORE

5. Food and Water for a Changing Earth

4 units, Win (Knight, Staff)

6. Evolution, Ecology, and the Human Condition

4 units, Spr (Daily, Ehrlich)

SCIENCE, TECHNOLOGY, AND SOCIETY

110. Ethics and Public Policy

5 units, Win (McGinn)

279. Technology, Policy, and Management in Newly-Industrializing Countries—(Same as Management Science and Engineering 279.)

2-4 units (Forbes) given 2001-02

SOCIOLOGY

134. Education and the Status of Women: Comparative Perspective—(Same as Education 197.)

4-5 units, Win (Wotipka)

217. China's Social Transformation

5 units (Walder) given 2001-02

PROGRAM ON URBAN STUDIES

182. Urban Environmental Policy

4 units, Win (Hall, Kibel)

183. Land-Use Control

4 units, Spr (Hall)