

Division of Summer Session, Extramural Courses, and Related Programs

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The Division

The Division of Summer Session, Extramural Courses, and Related Programs provides a wide variety of educational opportunities beyond the degree-granting programs of the University. These programs serve virtually all age groups in a great variety of formats and time frames.

Summer Session

Summer Session provides some unique and unusually attractive opportunities for study and recreation for students ranging in age from high school senior to the senior citizen. With Ithaca weather at its best, summer study makes available the extensive academic and recreational facilities of the University and the Finger Lakes region. Students may choose from a wide spectrum of courses scheduled during three-week, six-week, and eight-week sessions, as well as dozens of special programs of varied lengths. Admission is kept relatively open and simple. Classes meet daily, and because they are usually small, a close association between student and teacher is encouraged. For more information, consult the Summer Session office, B12 Ives Hall, or call 256-4987.

Cornell's Adult University

Cornell's Adult University (CAU) offers one-week, noncredit academic courses on campus during the summer and off-campus weekend seminars during the fall and spring. Though originally conceived as a program for alumni, that concept has long since been abandoned in favor of a concept of adult education. CAU is committed to the belief that learning never ends and that one of the roles of a great university is to provide a bridge between traditional, formal education and informal, noncredit studies. For more information, consult Cornell's Adult University, 626B Thurston Avenue, or call 256-6260.

Extramural Courses

The extensive credit-course offerings of the University are available to area residents on a part-time basis. Those interested may apply for admission to practically any course in the University and will be admitted if they receive the instructor's written approval. The division also offers an Official Visitor's Program that allows persons to attend classes in many divisions of the University on a space-available basis at a reduced charge. Visitors are required to obtain written permission of the instructor. In this program, no credit is given and no record is kept of attendance or performance. During the January

intersession period the division offers credit courses primarily for undergraduates but open to anyone. Among the courses offered in recent years have been study tours to England, the Soviet Union, and Costa Rica. For further information, contact the extramural office in B12 Ives Hall or call 256-4987.

Continuing Education Information Center

The Continuing Education Information Center provides free information, counseling, and referral to men and women who have been out of school for several years and want to resume their education. Anyone who wants to take courses, begin an undergraduate or graduate degree program, or complete an unfinished degree is welcome to use the services of the center.

The center provides information on all schools and departments of the University; opportunities for part-time and full-time study; special courses, workshops, and seminars; and community resources available to older students. A small library includes information on continuing-education research, adult learning and development, educational opportunities at local institutions of higher learning, financial aid, work-study programs, and admission procedures. For further information, contact the Continuing Education Information Center, B12 Ives Hall, or call 256-4987.

Conference Services

Excellent facilities, a beautiful campus, and a conference office concerned with each group's special needs make Cornell an ideal setting for conferences and meetings. Professional groups from all over the country come to Cornell to take advantage of this special learning environment. The conference coordinator is available to answer questions, advise on creative program ideas, assist in planning, make special arrangements, secure accommodations, and handle other administrative details. Every effort is made to ensure the success of each conference.

For more information about conferences at Cornell, consult the Cornell University Conference Services, 221 E North Campus Union, or call 256-6290.

Summer Courses

The Cornell University Summer Session offers a wide variety of courses each year. Among these are a number of courses that are typically offered each summer. The list that follows includes those courses that are likely to be offered during the summer of 1983. The list is not exhaustive; many additional courses that are offered only occasionally or for the first time are not listed. For further information, contact the Summer Session office, B12 Ives Hall, or call 256-4987. The 1983 *Announcement of Summer Session* will be published in March.

Africana Studies and Research Center

131-132 Swahili

Anthropology

- 111 Nature and Culture
- 113 The Comparison of Cultures
- 114 Human Origins
- 145 Cultures of Native America

175 Issues in Contemporary Native American Societies

305 Psychological Anthropology

317 Cultural History of the Iroquois

Archaeology

100 Introduction to Archaeology

358 Archaeological Research Methods

359 Field Archaeology in Mesoamerica

360 Archaeological Excavations in Cyprus

Architecture

125 Introduction to Architecture

251 Beginning Photography

545 Perspectives in Conservation

Consult the Department of Architecture office for a complete list of summer design offerings.

Art

110 Color, Form, and Space

121 Painting

123 Landscape Painting

131 Introductory Intaglio Printing

132 Introductory Silk-Screen Printing

141 Sculpture

151 First-Year Drawing

154 Life and Still-Life Drawing

155 Conceptual Drawing

161 Beginning Photography

163 Advanced Photography Workshop

270 Special Studios

Astronomy

105 An Introduction to the Universe

106 Essential Ideas in Relativity and Cosmology

Atmospheric Sciences

101 Basic Principles of Meteorology

Biological Sciences

100 General Biology

205 Biomedical Ethics

240 Plant Physiology

278 Comparative Anatomy

331 Principles of Biochemistry, Lectures

360 General Ecology

421 Comparative Vertebrate Ethology

432 Survey of Cell Biology

471 Mammalogy

475 Ornithology

Business and Public Administration

590 Management Communication

Chemical Engineering

220 Mass and Energy Balances

Chemistry

103-104 Introduction to Chemistry

207-208 General Chemistry

251-252 Introduction to Experimental Organic Chemistry

253 Elementary Organic Chemistry

City and Regional Planning

Consult the office of the Department of City and Regional Planning for a complete list of offerings in progressive planning.

Classics**Greek**

101 Greek for Beginners

103 Attic Greek

Latin

105 Latin for Beginners

106 Elementary Latin

Classical Civilization

100 Word Power

109 Introduction to Rhetoric

147 Scientific Argument

150 The Myths of Greece and Rome

Communication Arts

301 Oral Communication

312 Advertising and Promotion

460 Video Communication

461 Advanced Video Communication

680 Communication and Planning

Comparative Literature

121 Literatures from the Third World

Computer Science

100 Introduction to Computer Programming

101 The Computer Age

211 Computers and Programming

314 Introduction to Computer Systems and Organization

410 Data Structures

Economics

101 Introductory Economics: Macroeconomics

102 Introductory Economics: Microeconomics

105 Principles of Accounting

311 Intermediate Microeconomic Theory

312 Intermediate Macroeconomic Theory

315 History of Economic Thought

319-320 Quantitative Methods

331 Money and Credit

333 Theory and Practice of Financial Asset Markets

351 Industrial Organization

352 Public Regulation of Business

361 International Trade: Theory and Policy

362 International Monetary Theory and Policy

368 Comparative Economics: United States, Europe, and the Soviet Union

371 Public Policy and Economic Development

381 Participation and Worker Management

Education

400 Field Experience

497 Informal Study

600 Internship in Education

744 Faculty Development: Improvement of College Teaching

800 Master's-Level Thesis

900 Doctoral-Level Thesis

Electrical Engineering

210 Introduction to Electrical Systems

676 Microprocessor Systems

English

133 Basic Forms of Writing

135 Writing from Experience

136 Practical Prose Composition

137 Writing Workshop

150 Introduction to Literature

151 Reading Modern Literature

158 Modern American Authors

227 Shakespeare

270 The Reading of Fiction

271 The Reading of Poetry

275 The American Literary Tradition

289 The Art of the Essay

319 Chaucer

327 Shakespeare

340 Romantic Poetry

367 Modern American Novel

370 The Evolution of the English Novel

372 Modern Drama

380 Creative Writing Workshop

470 James Joyce: *Ulysses*

477 Children's Literature

Floriculture

210 Architectural Sketching in Watercolor

Geological Sciences

101 Introductory Geological Science

102 Introduction to Historical Geology

401 Summer Field Geology

German Literature

108 The Image of America in European Literature

Government

100 Politics and Moral Choice

111 The Government of the United States

131 Introduction to Comparative Government and Politics

161 Freedom and Justice in the Western Tradition: An Introduction to Political Theory

181 Introduction to International Relations

314 Common Law and Lawyers in America

316 The American Presidency

340 Latin American Politics

350 Theories of Revolution

358 Politics of the Middle East

History

106 Democracy and Education

141 Man and His Values in the Western Tradition

202 American History since 1865

History of Art

102 Writing about Art

202 Survey of European Art: Renaissance to Modern

261 Introduction to Art History: Modern Art

Hotel Administration

161 Typewriting

Human Development and Family Studies

115 Human Development: Infancy and Childhood

116 Human Development: Adolescence and Youth

150 The Family in Modern Society

315 Human Sexuality: A Psychosocial Perspective

Industrial and Labor Relations

Collective Bargaining

100 History of Industrial Relations in the United States

101 Labor and the Left

200 Collective Bargaining

405 Dramatic Events in Labor History as Told by Those Who Made It

Economic and Social Statistics

510 Introductory Statistics for the Social Sciences

Labor Economics

150 Labor Problems in American Society

240 Economics of Wages and Employment

341 Protective Labor Legislation

Organizational Behavior

322 Introduction to Organizational Behavior

326 Sociology of Occupations

370 The Study of Work Motivation

371 Individual Differences and Organizational Behavior

373 Organizational Behavior Simulations

420 Group Processes

Personnel and Human Resource Management

260 Personnel Management

Law

495 The Adversarial Process

497 Family Law

499 Criminal Law

Marine Science

Consult the Shoals Marine Laboratory office for a complete list of summer offerings in marine science.

Mathematics

107 Finite Mathematics with Applications

109 Precalculus

111-112 Analytic Geometry and Calculus

121-122 Calculus

123 Analytic Geometry and Calculus

192 Calculus

213 Calculus

231 Linear Algebra

294 Engineering Mathematics

421-422 Applicable Mathematics

Mechanical and Aerospace Engineering

302 Technology, Society, and the Human Condition

Microbiology

290 General Microbiology, Lectures

291 General Microbiology, Laboratory

Modern Languages and Linguistics

Chinese

160 Introductory Intensive Chinese (Mandarin)

201-202 Intermediate Chinese

English

101-102 English as a Second Language

French

101 French Basic Course I

102 French Basic Course II

203 Intermediate Conversation and Composition

Gaelic

131 Introduction to Modern Gaelic

German

101 German Basic Course I

131-132 German Elementary Reading Course I

Japanese

160 Introductory Intensive Japanese

403 Teaching of Japanese as a Foreign Language

Linguistics

101 Introduction to the Scientific Study of Language

Spanish

101 Spanish Basic Course I

102 Spanish Basic Course II

203 Intermediate Conversation and Composition

Music

101 The Art of Music

105 Introduction to Music Theory

331 Summer Session Choir

Natural Resources

230 Diet for a Small Planet

450 Natural Resources and the World Food Situation

Near Eastern Studies

113 Colloquial Arabic

241 The Holocaust: European Jewry, 1933-45

Operations Research and Industrial Engineering

260 Introductory Engineering Probability

270 Basic Engineering Probability and Statistics

622 Operations Research I

Philosophy

100 Philosophical Thinking

101 Introduction to Philosophy

103 Reasoning and Writing

131 Logic: Evidence and Argument

145 Contemporary Moral Issues

231 Formal Logic

245 Biomedical Ethics

Physical Education

Consult the Physical Education Office for a complete list of summer offerings for credit and recreation.

Physics

101-102 General Physics

112 Physics I: Mechanics and Heat

213 Physics II: Electricity and Magnetism

214 Physics III: Optics, Waves, and Particles

400 Independent Study in Physics: Advanced Experimental Physics

500 Informal Graduate Laboratory

510 Advanced Experimental Physics

Psychology

101 Introduction to Psychology: The Frontiers of Psychological Inquiry

107 Emotion and Personal Growth

124 Introduction to Psychology: Brain and Behavior—Normal and Abnormal

128 Introduction to Psychology: Personality and Social Behavior

209 Developmental Psychology

211 Psychology of Consciousness

214 Introduction to Psychology: The Cognitive Approach

217 Cognition and Poetic Imagination

277 Psychology of Sex Roles

280 Introduction to Social Psychology

281 Interpersonal Relations and Group Processes

282 Psychology and the Law

286 Nonverbal Behavior and Communication

321 Psychological Development through the Life Span

325 Introductory Psychopathology

334 Summer Session, Extramural Courses, and Related Programs

350 Statistics and Research Design

381 Human Ethology

393 Seminar on Freud

402 Current Research on Psychopathology

440 The Psychology of Dreams and Dreaming

469 Psychotherapy Workshop: Its Nature and Influence

489 Seminar on Personality and Social Psychology: Coping with Stress

543 Psychological Testing

Romance Studies

French 201 Introduction to French Literature

Rural Sociology

360 The Old Order Amish: Folk Society or Model for the Future?

437 Aging: Issues and Strategies in the 1980s

Sociology

101 Introduction to Sociology

243 Family

252 Public Opinion

281 Interpersonal Relations and Group Processes

286 Nonverbal Behavior and Communications

365 Criminology

Theatre Arts

120 Modern Drama

125 Writing for the Theatre

126 Writing about Film

200 Introduction to Dance

240 Introduction to the Theatre

286 Stanislavski Acting Workshop

287 Summer Acting Workshop

348 Introduction to Playwriting

374 Introduction to Film Analysis: Meaning and Value

474 Intensive 16-mm Film Production

Theoretical and Applied Mechanics

202 Mechanics of Solids

Veterinary Medicine

638 The Microscope and Its Use