

SUMMER SESSION, EXTRAMURAL STUDY, AND RELATED PROGRAMS

THE DIVISION

Cornell University's Division of Summer Session, Extramural Study, 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. The division office is located in B12 Ives Hall, Ithaca, New York 14853-3901 (telephone: 607/255-4987).

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SUMMER SESSION

The Cornell University Summer Session provides unique and unusually attractive opportunities for study and recreation at a time when the Cornell campus and the Finger Lakes region of central New York are at their loveliest and the Ithaca weather is at its best. Participants may choose from a wide spectrum of courses scheduled during three-, eight-, and six-week sessions. In addition, dozens of special programs are presented in varying formats, including on-site fieldwork and overseas study. Although admission is open to persons of all ages, the majority of summer session participants are matriculated Cornell students. Classes meet daily and are usually kept small to foster a close association between students and teachers. For information, consult the Summer Session Office, B12 Ives Hall, or call 607/255-4987.

SUMMER COLLEGE

High school juniors and seniors attend regular university courses through Cornell University Summer College and may earn college credit. They also explore career options through specially designed workshops. Students live in residence halls, become familiar with campus life, and attend seminars describing the college admissions process. The program is designed to help ease the transition from high school to college. For information call 607/255-6203.

EXTRAMURAL STUDY

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. For information, contact the Extramural Office in B12 Ives Hall or call 607/255-4987.

WINTER SESSION

Winter Session provides an opportunity to earn three to four credits between the fall and spring semesters. This quiet time on campus allows students to enjoy classes that are generally smaller and to concentrate on intensive study. Students may enroll in scheduled courses or design an independent study with a faculty member.

CORNELL'S ADULT UNIVERSITY

Cornell's Adult University (CAU) offers one-week noncredit courses on campus during the summer and weekend seminars at off-campus locations during the fall and spring. Conceived as a program for alumni, CAU has greatly broadened its mission in the area of adult education. All courses and seminars are inspired by 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 study. For information, consult Cornell's Adult University, 626B Thurston Avenue, or call 607/255-6260.

PROGRAMS IN PROFESSIONAL EDUCATION

Because of Cornell's leadership in both theoretical and applied research, the university offers unique opportunities for professional growth to persons in science, technology, government, business, and industry. The division's Programs in Professional Education are intensive updates taught by Cornell faculty members whose research involves areas of importance to the corporate sector and the professions. Programs in Professional Education can also respond to the needs and interests of corporations and professional societies by developing programs both on and off campus that are suited to their particular educational purposes. For information, telephone 607/255-7259.

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 staff is available to answer questions, advise on creative program ideas, assist in planning, make special arrangements, secure accommodations, and handle other administrative details. For information about conferences at Cornell, consult Cornell University Conference Services, Box 3, Robert Purcell Union, or call 607/255-6290.

CONTINUING EDUCATION INFORMATION SERVICE

The extramural study registrar provides free information, counseling, and referral to women and men 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 meet with the registrar. Information is available on all schools and departments of the university; opportunities for part-time and full-time study; special courses, workshops, and seminars; and community resources for older students. A small library includes information on educational opportunities at local institutions of higher learning, financial aid, work-study programs, and admission procedures. For information, contact Continuing Education Information Service, B12 Ives Hall, or call 607/255-4987.

SUMMER COURSE ROSTER

The Cornell University Summer Session offers a wide variety of courses. The list that follows includes those courses that are usually offered every summer. The list is not exhaustive; many new courses or courses offered only occasionally are not listed. For complete information, contact the Summer Session Office, B12 Ives Hall, or call 607/255-4987. The summer session catalog is published in February. A preliminary course roster is available on CUINFO beginning in November.

Africana Studies

484 Politics, Conflict, and Social Change in Southern Africa

A program in African languages is also offered. Consult the department for a complete listing.

Agricultural Economics

310 Introductory Statistics

320 Business Law

Anthropology

101-102 Introduction to Anthropology

242 American Indian Philosophies I: Power and World Views

Archaeology

- 100 Introduction to Archaeology
- 300/333 The Crannog Archaeology Project
- 360 Field Archaeology in Greece
- 361 Summer Program in Etruscan Archaeology at La Piana

Other field study opportunities are usually available through this department.

Architecture

- 125 Introductory Architecture Studio
- 131 Introduction to Architecture

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

Art

- 121 Introductory Painting
- 123 Landscape Painting
- 131 Introductory Intaglio
- 133 Introductory Lithography
- 141 Introductory Sculpture
- 151 Introductory Drawing
- 158 Conceptual Drawing
- 159 Life and Still-Life Drawing
- 161 Introductory Photography I
- 168 Black-and-White Photography
- 169 Color Photography
- 171 Computer Art
- 221 Painting II
- 261 Photography II
- 263 Color Photography
- 321 Painting III
- 361 Photography III
- 379 Independent Studio

Astronomy

- 105 An Introduction to the Universe
- 106 Essential Ideas in Relativity and Cosmology

Biological Sciences

- 167-106 General Biology
- 205 Ethics and Health Care
- 208 Drawing the Human Figure
- 209 Introduction to Natural Science Illustration
- 245 Plant Biology
- 261 Principles of Ecology
- 281 Genetics
- 331 Principles of Biochemistry, Lectures
- 407 Advanced Laboratory Techniques
- 408 Molecular Biology for Teachers

Chemistry

- 103-104 Introduction to Chemistry
- 207-208 General Chemistry
- 251-252 Introduction to Experimental Organic Chemistry
- 253-255 Elementary Organic Chemistry
- 421 Introduction to Inorganic Research
- 433 Introduction to Analytical Research
- 461 Introduction to Organic Research
- 477 Introduction to Research in Physical Chemistry

Classics**Greek**

- 104 Intensive Greek

Latin

- 107 Intensive Latin
- 205 Intermediate Latin

Classical Civilization

- 102 Bioscientific Terminology
- 109 The Art of Argument: An Introduction to Rhetoric
- 113 Word Power: Greek and Latin Elements in the English Language
- 114 Word Power for the Biological Sciences
- 123 Comedy
- 215 Conquerors and Conquered: The Case of the Romans, Jews, and Greeks
- 236 Greek Mythology
- 360 Field Archaeology in Greece
- 361 Summer Program in Etruscan Archaeology at La Piana

Communication

- 116 Theories of Human Communication
- 120 Introduction to Mass Media
- 150 Writing for Media
- 201 Oral Communication
- 204 Effective Listening
- 234 Photo Communication
- 250 Newswriting for Newspapers
- 272 Principles of Public Relations and Advertising
- 301 Business and Professional Speaking
- 342 Electronic Media
- 363 Organizational Writing
- 365/665 Scientific Writing
- 410 Organizational Communication
- 460-461 Video Communication
- 490 History of Television
- 625 Communicating for Social Change
- 790 Participatory Approaches to Action Research

Comparative Literature

- 105 The Hero in Literature
- 236 Greek Mythology
- 354 Modern Drama
- 372 Selections from Contemporary World Literature

Computer Science

- 100 Introduction to Computer Programming
- 101 The Computer Age
- 102 Introduction to Microcomputer Applications
- 211 Computers and Programming
- 222 Introduction to Scientific Computation
- 314 Introduction to Computer Systems and Organization
- 410 Data Structures
- 486 Applied Logic

Economics

- 101 Introductory Microeconomics
- 102 Introductory Macroeconomics
- 105 Principles of Accounting
- 205 Managerial Accounting for Planning and Control
- 208 An Introduction to Environmental Policy
- 311 Intermediate Microeconomic Theory
- 312 Intermediate Macroeconomic Theory
- 313 Intermediate Microeconomic Theory (Calculus Section)
- 314 Intermediate Macroeconomic Theory (Calculus Section)
- 319 Introduction to Statistics and Probability
- 333 Theory and Practice of Asset Markets
- 361/561 International Trade Theory and Policy
- 365/565 Japanese Economy
- 383 Marxist Political Economy

Education

- 311 Educational Psychology
- 420 Field Experience
- 497 Informal Study
- 590 Special Topics in Education
- 620 Internship in Education
- 630 Special Problems in Agricultural and Occupational Education
- 730 Seminar in Agricultural and Occupational Education
- 800 Master's-Level Thesis Research
- 900 Doctoral-Level Thesis Research

English

- 108 Writing about Film
- 109 The Art of Argument: An Introduction to Rhetoric
- 131 Critical Reading and Writing
- 132 The Personal Essay
- 137 Writing Workshop
- 150 The Modern Imagination
- 158 American Authors
- 160 Afro-American Autobiography
- 165 Fantasy
- 227 Shakespeare
- 270 The Reading of Fiction
- 280 Creative Writing
- 289 Expository Writing
- 319 Chaucer
- 327 Shakespeare
- 472 Irish Literature
- 477 Children's Literature

Floriculture and Ornamental Horticulture

- 210 Architectural Sketching in Watercolor

French Literature

- 201 Introduction to French Literature

Geological Sciences

- 101 Introductory Geological Science
- 102 Introduction to Historical Geology
- 401 Summer Field Geology in Utah, Wyoming, and Idaho

German Literature

- 201 Introduction to German Literature I: Prose
- 202 Introduction to German Literature II: Drama

Government

- 100.1 Revolutionaries and Power in Latin America
- 100.2 Race, Education, and Politics
- 111 The Government of the United States
- 131 Introduction to Comparative Government and Politics
- 161 Introduction to Political Theory
- 181 Introduction to International Relations
- 310 Power and Poverty in America
- 316 The American Presidency
- 317 Political Parties and Elections
- 318 The American Congress
- 328 Constitutional Politics: The United States Supreme Court

- 333 Government and Politics of the Soviet Union
- 357 The Politics of European Integration
- 385 Contemporary American Foreign Policy
- 392 International Relations of the Middle East

History

- 101-102 Introduction to American History
- 151-152 Introduction to Western Civilization
- 242 Europe since 1789
- 253 Russian History since 1800
- 268 Ancient Rome: From the Myth of Romulus to the Myth of Cleopatra
- 314 History of American Foreign Policy, 1912 to the Present
- 319 The Frontier in American Thought and Culture
- 342 Hiroshima and Nagasaki

History of Art

- 202 Survey of European Art: Renaissance to Modern
- 261 Introduction to Art History: Modern Art

Hotel Administration

- 171 Keyboarding on the Macintosh
- 174 Information Systems
- 486 Historical Development of the Public Right to Travel and Its Impact on American Society

Human Development and Family Studies

- 115 Human Development: Infancy and Childhood
- 150 Families in Modern Society
- 216 Human Development: Adolescence and Youth
- 445 Topics in Early Childhood Education and Development: Education of the Emotionally Disturbed Child

Human Service Studies

- 380 Community Mental Health

Industrial and Labor Relations

- Collective Bargaining
- 101 Introduction to the United States Labor History: The Twentieth Century
- 200/500 Collective Bargaining
- 201/501 Labor Relations Law and Legislation
- 608 Special Topics
- Economic and Social Statistics
- 210-211 Statistical Reasoning
- 510-511 Introductory Statistics for the Social Sciences

Labor Economics

- 140 Development of Economic Institutions
- 240 Economics of Wages and Employment
- 540 Labor Economics
- Organizational Behavior
- 121 Introduction to Microorganizational Behavior and Analysis
- 371 Individual Differences and Organizational Behavior
- Personnel and Human Resource Studies
- 266 Personal Computer Basics
- 360 Human Resource Economics and Public Policy
- 468 Strategic Organizational and Human Resources Management Simulation

Marine Science

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

Mathematics

- 101 History of Mathematics
- 105 Finite Mathematics
- 109 Precalculus Mathematics
- 111-112 Calculus
- 123 Analytic Geometry and Calculus
- 192 Calculus for Engineers
- 200 Basic Concepts of Mathematics
- 231 Linear Algebra
- 293/294 Engineering Mathematics with Microcomputers
- 421-422 Applicable Mathematics
- 431 Introduction to Algebra
- 486 Applied Logic

Medieval Studies

- 102 Knights and Ladies

Microbiology

- 290-291 General Microbiology

Military Science

- 102 Leadership Theory

Modern Languages and Linguistics

- Aymara
- 131-132-133 Aymara
- 135-136 Aymara Laboratory
- Chinese
- 160 Introductory Intensive Chinese (Mandarin)
- 201-202 Intermediate Chinese
- Dutch
- 131-132 Dutch Elementary Reading Course

English

101-102 English as a Second Language

211 English as a Second Language

215 English for Later Bilinguals

French

101 French Basic Course I

123 Continuing French

203-204 Intermediate Composition and Conversation

German

121-122 Elementary German

609-610 Old Norse

631-632 Elementary Reading Course

Italian

101 Italian Basic Course I

123 Continuing Italian

Japanese

160 Introductory Intensive Japanese

203-204 Intermediate Japanese

403 Teaching of Japanese as a Foreign Language

Linguistics

101 Theory and Practice of Linguistics

Quechua

131-132-133 Quechua

135-136 Quechua Laboratory

Russian

123 Continuing Russian

203 Intermediate Composition and Conversation

Sinhala**Spanish**

101 Spanish Basic Course I

110 Spanish Basic Conversation Course

123 Continuing Spanish

203 Intermediate Composition and Conversation

Music

101 The Art of Music

105 Introduction to Music Theory

331 Summer Session Choir

Natural Resources

215 Environmental Disruption and Regulation

218 The Superfund Program: Policy and Science at Hazardous Chemical Waste Sites

219 Introduction to Natural History of the Finger Lakes Region

230 Food, Famine, and Population: Resource Policy and Management

Near Eastern Studies

103 Elementary Hebrew

292 Women in the Hebrew Bible

Nutritional Sciences

660 Special Topics in Nutrition

Operations Research and Industrial Engineering

260 Introductory Engineering Probability

270 Basic Engineering Probability and Statistics

622 Operations Research I

Philosophy

100 Ethics: Theory and Practice

101 Introduction to Philosophy

103 Reasoning and Writing

145 Contemporary Moral Issues

231 Introduction to Formal Logic

245 Ethics and Health Care

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 Informal Advanced Laboratory

500 Informal Graduate Laboratory

510 Advanced Experimental Physics

520 Projects in Experimental Physics

Psychology

101 Introduction to Psychology: The Frontiers of Psychological Inquiry

128 Introduction to Psychology: Personality and Social Behavior

199 Sports Psychology

205 Perception

214 Knowledge and Reasoning

265 Psychology and Law

280 Introduction to Social Psychology

283 Groups and Relationships

325 Introductory Psychopathology

350 Statistics and Research Design

380 Community Mental Health

469 Psychotherapy: Its Nature and Influence

Rural Sociology

101 Introductory Sociology

109 Famine

206 Gender and Society

208 Technology and Society

213 Social Indicators and Data Management

324 Environment and Society

415 Roots of Revolution in Latin America

437 Aging: Issues in the 1990s

Sociology

101 Introduction to Sociology

103 Introduction to Sociology: Microsociology

243 Family

283 Groups and Relationships

347 Aging: Issues in the 1990s

Spanish Literature

201 Introduction to Hispanic Literature

Textiles and Apparel

144 Introduction to Apparel Design

245 Dress: A Reflection of American Women's Roles

Theatre Arts

108 Writing about Film

120 The Unfashionable Human Body

211 Dance Composition Workshop

252 Technical Production Studio

282 Introduction to Voice and Speech for Performance

287 Summer Acting Workshop

327 Modern Drama

354 Stagecraft Studio

362 Lighting Design and Technology

475 Seminar in the Cinema

Theoretical and Applied Mechanics

202 Mechanics of Solids

203 Dynamics

310 Advanced Engineering Analysis I

Writing

137 Writing Workshop