

SUMMER SESSION, EXTRAMURAL STUDY, AND RELATED PROGRAMS

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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).

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-, six-, and eight-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.

High school juniors and seniors may attend regular university courses and explore career options through Cornell University Summer College. For information, write Cornell University Summer College, B12 Ives Hall, or 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. Between the fall and spring terms the division offers winter session credit courses primarily for undergraduates but open to anyone. For information, contact the Extramural Office in B12 Ives Hall or call 607/255-4987.

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.

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. Originally 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.

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 COURSES

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 also available on CUINFO beginning in November.

Africana Studies

- 100 Black Leaders and Movements in South Africa
- 209 African Dance Improvisation
- 264 Modern Southern African and American Literature
- 484 Politics, Conflict, and Change in South Africa

Agricultural Economics

- 310 Introductory Statistics

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

Other field study opportunities are usually available through this department.

Architecture

- 125 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
- 132 Introductory Graphics
- 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
- 261 Photography II
- 263 Color Photography
- 361 Photography III
- 379 Independent Studio

Astronomy

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

Biological Sciences

- 107-108 General Biology
- 205 Ethics and Medicine
- 245 Plant Biology

261 General Ecology

- 322 Hormones and Behavior
- 331 Principles of Biochemistry, Lectures
- 737 Advanced Biotechnology Laboratory

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

- 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

Communication

- 116 Theories of Human Communication
- 120 Introduction to Mass Media
- 150 Writing for Media
- 201 Oral Communication
- 204 Effective Listening
- 234 Photo Communication
- 272 Principles of Public Relations and Advertising
- 342 Electronic Media
- 351 Investigative Reporting
- 363 Organizational Writing
- 410 Organizational Communication
- 460-461 Video Communication
- 490 Field Research Techniques
- 624 Communicating for Social Change

Comparative Literature

- 116 Great Short Masterpieces
- 121 Literatures from the Third World
- 201-202 Great Books
- 211 Science Fiction
- 354 Modern Drama

Computer Science

- 100 Introduction to Computer Programming
- 101 The Computer Age
- 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
- 306 Economics of Defense Spending
- 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
- 320 Introduction to Econometrics
- 331/531 Money and Credit
- 361/561 International Trade Theory and Policy
- 365 Japanese Economy
- 383 Marxist Political Economy

Education

- 311 Educational Psychology
- 317 Psychology of Adolescence
- 420 Field Experience
- 497 Informal Study
- 590 Special Topics in Education
- 611 Educational Psychology
- 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
- 264 Modern Southern African and American Literature
- 270 The Reading of Fiction
- 272 Introduction to Drama
- 280 Creative Writing Workshop
- 288/289 Expository Writing
- 319 Chaucer
- 327 Shakespeare
- 477 Children's Literature

Floriculture and Ornamental Horticulture

- 210 Architectural Sketching in Water-color

French Literature

- 201 Introduction to French Literature
- 202 Studies in French Literature

Geological Sciences

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

Government

- 100.1 Revolutionaries and Power in Latin America
- 100.2 Race, Education, and Politics
- 100.3 Federalism and the American City
- 100.4 Work and Citizenship
- 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
- 318 The American Congress
- 333 Government and Politics of the Soviet Union

Latin American Politics

- 358 Modern History of the Middle East
- 392 International Relations of the Middle East

History

- 101-102 Introduction to American History
- 151-152 Introduction to Western Civilization
- 243 China and the West before Imperialism
- 269 History of Science
- 314 History of American Foreign Policy, 1912 to the Present
- 341 Recent American History, 1945 to the Present
- 342 Hiroshima and Nagasaki
- 363 Russian History since 1800

History of Art

- 102 The Eiffel Tower, *The Thinker*, and the *Mona Lisa*: What Makes Them Art?
- 202 Survey of European Art: Renaissance to Modern
- 246 Introduction to Art History: Renaissance and Baroque Art
- 261 Introduction to Art History: Modern Art

Hotel Administration

- 161 Keyboarding on the Macintosh
- 486 Historical Development of the 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
- 100 History of Industrial Relations in the United States
- 200/500 Collective Bargaining
- 201/501 Labor Relations Law and Legislation
- Economic and Social Statistics
- 210-211 Statistical Reasoning
- 510-511 Introductory Statistics for the Social Sciences

Labor Economics

- 240 Economics of Wages and Employment

Labor Economics**Organizational Behavior**

- 120 Introduction to Macroorganizational Behavior and Analysis
- 121 Introduction to Microorganizational Behavior and Analysis
- 371 Individual Differences and Organizational Behavior

Personnel and Human Resource Studies

- 266 Personal Computer Basics

Management

- 570 Negotiation for Managers

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
- 213 Calculus
- 231 Linear Algebra
- 294 Engineering Mathematics with Microcomputers
- 336 Applicable Algebra
- 421-422 Applicable Mathematics
- 486 Applied Logic

Mechanical and Aerospace Engineering

- 454 Introduction to Solar Energy

Medieval Studies

- 102 Knights and Ladies

Microbiology

- 290-291 General Microbiology

Modern Languages and Linguistics**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

123 Continuing French

203-204 Intermediate Composition and Conversation

320 French Civilization with an Emphasis on Paris

German

121-122 Elementary German

123 Continuing German

631-632 Elementary Reading Course

Italian

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

Nepali

160 Intensive Nepali

Russian

123 Continuing Russian

203 Intermediate Composition and Conversation

Spanish

110 Spanish Basic Conversation Course

123 Continuing Spanish

203 Intermediate Composition and Conversation

Music

101 The Art of Music

105 Introduction to Music Theory

115 Popular Musics Today

287 Mozart

Natural Resources

215 Environmental Disruption and Regulation

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

227 Introduction to the Prophets

241 The Holocaust: The Destruction of European Jewry 1934-45

294 Modern History of the Middle East

364 Introduction to Field Archaeology in Israel

Nutritional Sciences

415 Field-based Learning in Nutrition

Operations Research and Industrial Engineering

260 Introductory Engineering Probability

270 Basic Engineering Probability and Statistics

622 Operations Research I

Philosophy

101 Introduction to Philosophy

103 Reasoning and Writing

145 Contemporary Moral Issues

212 Modern Philosophy

231 Introduction to Formal Logic

245 Ethics and Medicine

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

123 Introduction to Biopsychology

124 Introduction to Psychology: Brain and Behavior

128 Introduction to Psychology: Personality and Social Behavior

192 Introduction to the Senses

199 Sports Psychology

205 Perception

265 Psychology and Law

280 Introduction to Social Psychology

281 Interpersonal Relations and Small Groups

322 Hormones and Behavior

325 Introductory Psychopathology

350 Statistics and Research Design

380 Community Mental Health

469 Psychotherapy: Its Nature and Influence

490 History and Systems of Psychology

Rural Sociology

437 Aging: Issues in the 1980s

Sociology

101 Introduction to Sociology

121 Sociology of Deviance

211 Introduction to Social Research

243 Family

252 Public Opinion

264 Race and Ethnicity

281 Interpersonal Relations and Small Groups

347 Aging: Issues in the 1980s

Spanish Literature

379 Introduction to Hispanic Cinema

Textiles and Apparel

144 Introduction to Apparel Design

245 Dress: A Reflection of American Women's Roles

Theatre Arts

108 Writing about Film

200 Introduction to Dance I

209 African Dance Improvisation

284 Voice and Pronunciation Skills

287 Summer Acting Workshop

327 Modern Drama

354 Stagecraft: Scenery and Lighting

362 Lighting Design and Technology

377 Fundamentals of 16-mm Filmmaking

Theoretical and Applied Mechanics

202 Mechanics of Solids

203 Dynamics

Writing

137 Writing Workshop