

SCHOOL OF CONTINUING EDUCATION AND SUMMER SESSIONS

Summer Sessions 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. For information about the following programs, write B20 Day Hall, Ithaca, New York 14853-2801; call 255-4987; e-mail cusce@cornell.edu; or fax 255-9697; unless indicated otherwise below. You may also visit us on the web at www.sce.cornell.edu.

SCHOOL ADMINISTRATION

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Ralph Janis, director, Cornell's Adult University

School Support Services

Graham Dobson, manager, information technologies

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Ann L. Morse, media manager

Cathy M. Pace, registrar

SPECIAL AND PROFESSIONAL PROGRAMS

Intensive learning experiences are presented year-round both for students and for professionals in many fields. Formats include for-credit courses of one to eight weeks and noncredit weekend and weeklong short courses. Programs can also be designed to respond to the needs and interests of corporations, professional societies, and other groups. These programs take place on the Cornell campus, on site, at other locations worldwide, and via distance learning. For information, call 255-7259; e-mail cusps@cornell.edu; fax 255-9697; or visit www.sce.cornell.edu/sp/.

SUMMER COLLEGE PROGRAMS FOR HIGH SCHOOL STUDENTS

Talented high school sophomores, juniors, and seniors attend regular university courses through Cornell University Summer College

and may earn college credit. They also explore academic and career options in noncredit seminars. 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 255-6203; e-mail summer_college@cornell.edu; fax 255-6665; or visit www.summercollege.cornell.edu.

CORNELL'S ADULT UNIVERSITY

Cornell's Adult University (CAU) offers weeklong noncredit courses on campus for adults and families during the summer. During the fall, winter, and spring, there are weekend seminars, weeklong domestic programs, and international study tours. Developed and led by distinguished members of the Cornell faculty, all programs 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, write Cornell's Adult University, 626B Thurston Avenue, Ithaca, New York 14850-2490; call 255-6260; e-mail cauinfo@cornell.edu; fax 254-4482; or visit www.cau.cornell.edu.

DISTANCE LEARNING

The School of Continuing Education and Summer Sessions offers a range of courses through distance learning. Instructional materials for these courses may be presented on the web, and/or through video tapes, assigned readings, e-mail sessions with course instructors, and CD-ROMs. Students interact with the instructor and other students by phone or e-mail. Courses may be taken from home or elsewhere. Assignments and examinations are completed within a scheduled session, just as in on-campus courses, but students have the option of beginning study prior to the start of the session. For information, visit www.sce.cornell.edu/dl/.

Cybertower is an exciting, new online program that gives users access to many of Cornell's best teachers at any time and from virtually anywhere. Cybertower features Study Rooms on a wide range of topics. Each room offers video-streamed lectures, links to specially selected web sites, informative reading lists, and a place to chat with faculty and other Cornellians and Cybertower subscribers. Cybertower also features monthly faculty Forums on a variety of timely topics. For more information, visit the web site at cybertower.cornell.edu.

Distance Learning Course Roster

- ABEN 299 Sustainable Development
- AM ST 202 Popular Culture in the United States, 1945 to the Present
- AN SC 222 Canine Genetics
- AN SC 497 Seminars on Inherited Diseases of Companion Animals
- COMM 120 Contemporary Mass Communication
- COMM 272 Principles of Public Relations and Advertising
- COMM 376 Planning Communication Campaigns
- COMM 494.2 Leadership Communication in Professional Contexts
- ECON 101 Introductory Microeconomics
- EDUC 548 Effective College Teaching
- GOVT 161 Introduction to Political Philosophy
- ILRST 210 Statistical Reasoning I
- ILRST 510 Statistical Methods for the Social Sciences I

EXTRAMURAL STUDY

Cornell undergraduate or graduate students whose studies have been interrupted may find it appropriate to resume their studies by taking classes on a part-time basis. Area residents may take courses on a part-time basis by registering as extramural students. Those interested may enroll in almost any course offered in the fall and spring terms if they receive the instructor's written approval. Another offering, the **Visitor's Program**, allows adults to attend classes in many divisions of the university on a space-available basis at a reduced charge. In this program, no credit is given, and no record is kept of attendance or performance. Visitors are required to obtain written permission from the instructor. For information, write to Extramural Study, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; fax 255-9697; or visit www.sce.cornell.edu/exmu/.

WINTER SESSION

Cornell undergraduate and graduate students, as well as employees and area residents, can earn up to four credits between the fall and spring semesters by enrolling in the winter session. This quiet time on campus allows students to enjoy generally smaller classes and to concentrate on intensive study. Winter-session students may enroll in scheduled courses or design individualized study with a faculty member. For information, write to Winter Session, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; fax 255-9697; or visit www.sce.cornell.edu/ws/.

Winter Session Course Roster

- AM ST 202 Popular Culture in the United States, 1945 to the Present DL
- AN SC 497 Seminars on Inherited Diseases of Companion Animals DL
- ASIAN 220 Buddhism in America
- AS&RC 131 Swahili (off campus)
- C&RP 495.18 Introduction to Peace Science
- COMM 272 Principles of Public Relations and Advertising DL
- COMM 494 Special Topics: Communication and Prejudice
- EAS 106 Vertebrate Fossil Collection and Preparation Techniques (off campus)
- ECON 101 Introductory Microeconomics DL
- ECON 102 Introductory Macroeconomics
- ECON 307 Introduction to Peace Science
- ENGL 280 Creative Writing
- GOVT 161 Introduction to Political Philosophy DL
- RELST 220 Buddhism in America
- Practicing Medicine/Providing Health Care (off campus)

CONTINUING EDUCATION INFORMATION SERVICE

This service provides free information, counseling, and referral to adults who have been out of school for several years and want to resume their education. It also provides information about short courses, workshops, professional updates, and executive programs offered by the university to people inside and outside Cornell. For information, write to Continuing Education, B20 Day Hall, Ithaca, NY 14853-2801; call 255-4987; e-mail cusce@cornell.edu; or fax 255-9697.

CORNELL IN WASHINGTON PROGRAM

Cornell in Washington offers undergraduates the opportunity to combine the strengths of Cornell with all of the best parts of living and learning in Washington, D.C. Students take courses for credit, work as externs, and complete substantial research projects, all the while enjoying the rich opportunities available in the nation's capital. For information, write to Cornell in Washington, 311 Caldwell Hall, Ithaca, NY 14853-2602; call 255-4090; e-mail cwash@cornell.edu; or visit www.ciww.cornell.edu.

CORNELL UNIVERSITY 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. Although admission is open to persons of all ages, the majority of summer session participants are matriculated Cornell students. Classes meet daily, are generally small, and feature personalized interaction with Cornell faculty members. These courses also provide students with the opportunity to accelerate their degree program, take courses not available during the fall and spring semesters, and delve into areas of special interest. For information call 255-4987; e-mail cusce@cornell.edu; or visit our web site at www.summer.cornell.edu.

Summer Session 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. Courses are posted to the web (www.summer.cornell.edu) in the fall as the roster is developed. A preliminary course roster is available beginning in late November. If a course is also offered through distance learning, the course title will be followed by DL.

Africana Studies

- AS&RC 205 African Cultures and Civilizations
- AS&RC 210 Major Works of Black World Writing
- SWAHL 131-132 Swahili

International Agriculture (off campus)

- INTAG 494.1 Tropical Ecology in Panama
- INTAG 494.2 Summer Session at Zamorano (Honduras)

Agricultural and Biological Engineering (Now Biological and Environmental Engineering)

- BEE (ABEN) 299 Sustainable Development

American Studies

- AM ST 101-102 Introduction to American Studies DL
- AM ST 104 Introduction to American History
- AM ST 124 Democracy and Its Discontents: Political Traditions in the United States
- AM ST 202 Popular Culture in the United States, 1945 to the Present DL
- AM ST 301 America's Changing Faces: A New Generation of Political, Economic, and Cultural Leadership (off campus)
- AM ST 365 American Literature Since 1940

Animal Science

- AN SC 222 Canine Genetics DL
- AN SC 497 Seminars on Inherited Diseases of Companion Animals DL

Anthropology

- ANTHR 100 Introduction to Archaeology
- ANTHR 101-102 Introduction to Anthropology

- ANTHR 255 Great Empires of the Andes
- ANTHR 315 Art in the Modern World

Applied Economics and Management

- AEM 221 Financial Accounting
- AEM 320 Business Law I

Archaeology

- ARKEO 100 Introduction to Archaeology
- ARKEO 255 Great Empires of the Andes

Other field study opportunities are usually available through this department.

Architecture

- ARCH 110 Introduction to Architecture: Design Studio
- ARCH 130 Introduction to Architecture: Lecture Series
- ARCH 251 Photography I
- ARCH 351 Photography II

Consult the Department of Architecture office for a complete list of summer design offerings including foreign study opportunities.

Art

- ART 121 Introductory Painting
- ART 141 Introductory Sculpture
- ART 159 Life and Still-Life Drawing
- ART 161 Photography I
- ART 168 Black-and-White Photography
- ART 169 Color Photography
- ART 171-172 Electronic Imaging in Art
- ART 221 Painting II
- ART 241 Sculpture II
- ART 261 Photography II
- ART 263 Color Photography
- ART 361 Photography III
- ART 372 Special Topics in Studio Art
- ART 459 Independent Studio in Drawing

Asian Studies**Chinese**

- CHIN 160 Introductory Intensive Chinese (Mandarin) [FALCON]
- CHIN 201-202 Intermediate Chinese [FALCON]

Japanese

- JAPAN 160 Introductory Intensive Japanese
- JAPAN 201-202 Intermediate Japanese Conversation
- JAPAN 460 Teaching of Japanese as a Foreign Language

Nepali

- NEPAL 101, 201, 203, 301 Intensive Nepali

Sinhala (Sinhalese)

- SINHA 101, 201, 203, 301 Intensive Sinhala

Tibetan

- ASIAN 160 Intensive Tibetan

Astronomy

- ASTRO 105 An Introduction to the Universe
 ASTRO 106 Essential Ideas in Relativity and Cosmology
 ASTRO 107 An Introduction to the Universe

Biological Sciences**Ecology and Evolutionary Biology**

- BIOEE 207 Evolution
 BIOEE 261 Ecology and the Environment
 BIOEE 467 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

Microbiology

- BIOMI 192 Microorganisms on the Planet Earth
 BIOMI 290-291 General Microbiology

Molecular Biology and Genetics

- BIO G 200 Special Studies in Biology
 BIOGD 281 Genetics
 BIOBM 333 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology
 BIOBM 440 Experimental Molecular Biology
 BIOBM 441 Experimental Proteins and Enzymology
 BIOBM 602 Molecular Biology for Teachers

Neurobiology and Behavior

- BIO G 107-108 General Biology
 BIO G 499 Undergraduate Research in Biology

Plant Biology

- BIO G 209 Introduction to Natural-Science Illustration

- BIOPL 245 Plant Biology

Shoals Marine Laboratory (off campus)

- BIOSM 160 Oceanography of the Gulf of Maine
 BIOSM 161 Introduction to Marine Science
 BIOSM 204 Biological Illustration
 BIOSM 364 Field Marine Science
 BIOSM 365 Underwater Research
 BIOSM 366 SEA Introduction to Oceanography
 BIOSM 367 SEA Introduction to Maritime Studies
 BIOSM 368 SEA Introduction to Nautical Science
 BIOSM 372 SEA Practical Oceanography
 BIOSM 374 Field Ornithology
 BIOSM 375 Field Marine Biology and Ecology
 BIOSM 376 Marine Invertebrate Zoology
 BIOSM 413 Research in Marine Biology
 BIOSM 418 Tropical Marine Science
 BIOSM 449 Seaweeds, Plankton, and Sea Grass: The Ecology and Systematics of Marine Plants
 BIOSM 477 Marine Vertebrates
 BIOSM 499 Undergraduate Research in Biology

Biology and Society

- B&SOC 447 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

Biometry and Statistics

- BTRY 261/601 Statistical Methods I

Chemistry and Chemical Biology

- CHEM 206 Introduction to General Chemistry
 CHEM 207-208 General Chemistry
 CHEM 251 Introduction to Experimental Organic Chemistry
 CHEM 257 Introduction to Organic and Biological Chemistry
 CHEM 357-358 Organic Chemistry for the Life Sciences

Classics**Classical Civilization**

- CLASS 236 Greek Mythology
 CLASS 268 A History of Rome from Republic to Principate

Greek

- CLASS 104 Intensive Greek

Latin

- CLASS 107 Intensive Latin
 CLASS 369 Intensive Medieval Latin Reading

Cognitive Studies

- COGST 101 Introduction to Cognitive Science

Communication

- COMM 116 Communication in Social Relationships
 COMM 120 Contemporary Mass Communication **DL**
 COMM 201 Oral Communication
 COMM 203 Argumentation and Debate
 COMM 260 Science Writing for Public Information
 COMM 263 Organizational Writing
 COMM 272 Principles of Public Relations and Advertising **DL**
 COMM 350 Writing for Magazines
 COMM 376 Planning Communication Campaigns
 COMM 420 Public Opinion and Social Processes
 COMM 494.1 Communication and Prejudice
 COMM 494.2 Leadership Communication in Professional Contexts **DL**
 COMM 497 Individual Study in Communication

Comparative Literature

- COM L 105 The Hero in Literature
 COM L 204 Global Fictions
 COM L 236 Greek Mythology

Computer Science

- COM S 099 Fundamental Programming Concepts
 COM S 100 Introduction to Computer Programming **DL**
 COM S 101 Introduction to Cognitive Science
 COM S 130 Creating Web Documents
 COM S 211 Computers and Programming
 COM S 322 Introduction to Scientific Computation

Earth and Atmospheric Sciences

- EAS 103 Dinosaurs of the Eastern United States (off campus)
 EAS 104 The Sea: An Introduction to Oceanography
 EAS 202 Environmental Geology
 EAS 213 Marine and Coastal Geology (off campus)
 EAS 417 Geologic Field Mapping in Argentina (off campus)
 EAS 475 Special Topics in Oceanography (off campus)
 EAS 491 Undergraduate Research (off campus)

Economics

- ECON 101 Introductory Microeconomics **DL**
 ECON 102 Introductory Macroeconomics
 ECON 313 Intermediate Microeconomic Theory
 ECON 314 Intermediate Macroeconomic Theory
 ECON 334 Financial Economics, Derivatives, and Risk Management
 ECON 362 International Monetary Theory and Policy

Education

- EDUC 420 Field Experience
 EDUC 497 Independent Study
 EDUC 507 Science and the Environment for Teachers
 EDUC 523 Food and Fiber across the Curriculum
 EDUC 548 Effective College Teaching **DL**
 EDUC 620 Internship in Education
 EDUC 694 Special Topics in Education
 EDUC 711 Contemporary Issues in Educational Psychology
 EDUC 760 Practicum Seminar in Educational Administration
 EDUC 800 Master's-Level Thesis Research
 EDUC 900 Doctoral-Level Thesis Research

Engineering**Distribution Courses**

- ENGRD 211 Computers and Programming
 ENGRD 221 Thermodynamics
 ENGRD 322 Introduction to Scientific Computation
 ENGRD 270 Basic Engineering Probability and Statistics

The Engineering Cooperative Education Program offers a number of other engineering courses. Contact that office for more information.

English

- ENGL 131 Critical Reading and Writing
 ENGL 132 The Personal Essay
 ENGL 227 Shakespeare
 ENGL 280 Creative Writing
 ENGL 288-289 Expository Writing
 ENGL 328 The Bible

ENGL 365 American Literature Since 1940

ENGL 495 Independent Study

English as a Second Language

ENGLF 101-102 English as a Second Language

English for Academic Purposes

ENGLF 211 English as a Second Language

ENGLB 215 English for Later Bilinguals

Government

GOVT 111 Introduction to American Government and Politics

GOVT 131 Introduction to Comparative Government and Politics

GOVT 161 Introduction to Political Philosophy DL

GOVT 181 Introduction to International Relations

GOVT 307 An Introduction to Public Policy (off campus)

GOVT 312 America's Changing Faces: A New Generation of Political, Economic, and Cultural Leadership (off campus)

GOVT 315 Introduction to the American Legal System: Its Nature, Functions, and Institutions (off campus)

History

HIST 102 Introduction to American History

HIST 124 Democracy and Its Discontents: Political Traditions in the United States

HIST 253 Introduction to Islamic Civilization

HIST 268 A History of Rome from Republic to Principate

HIST 274 Foodways: A Social History of Food and Eating

HIST 287 Evolution

HIST 314 History of American Foreign Policy, 1912 to the Present

HIST 340-341 Recent American History

HIST 415 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

History of Art

ART H 202 Survey of European Art: Renaissance to Modern

Hotel Administration

H ADM 165 Managerial Communication I

H ADM 210 The Management of Human Resources

H ADM 371 Hospitality Quantitative Analysis

H ADM 450/651 Principles of Real Estate

Human Development

HD 115 Human Development

Human Ecology

HE 406 Fieldwork in Professional Practice: Summer in the City (off campus)

Industrial and Labor Relations

Collective Bargaining, Labor Law, and Labor History

ILRCB 100 Introduction to U.S. Labor History: Nineteenth Century

ILRCB 408 Strategic Corporate Research

ILRCB 499 Summer Employment Research (off campus)

Human Resource Studies

ILRHR 260/560 Human Resource Management

ILRHR 266 Personal Computer Basics

International and Comparative Labor

ILRIC 333/533 Europe, the United States, and Japan in the Global Economy

Organizational Behavior

ILROB 171/520 Introduction to Macroorganizational Behavior and Analysis

Social Statistics

ILRST 210-211 Statistical Reasoning I DL

ILRST 510-511 Statistical Methods for the Social Sciences I DL

Landscape Architecture

LNDAR 494 Special Topics: Art in the Landscape

LNDAR 600 Site Grading Workshop

Linguistics

LING 111 American Sign Language I

LING 170 Introduction to Cognitive Science

Management

NBA 560 Business Law I

Marine Science

Consult related department listings for summer offerings in marine science.

Mathematics

MATH 103 Mathematical Explorations

MATH 109 Precalculus Mathematics

MATH 111-112 Calculus

MATH 171 Statistical Theory and Application in the Real World

MATH 191-192 Calculus for Engineers

MATH 293-294 Engineering Mathematics

MATH 332 Algebra and Number Theory

MATH 336 Applicable Algebra

Mechanical and Aerospace Engineering

M&AE 221 Thermodynamics

Music

MUSIC 105 Introduction to Music Theory

MUSIC 331 Sage Chapel Choir

Natural Resources

NTRES 306 Coastal and Oceanic Law and Policy (off campus)

NTRES 309 Sovereign Tribal Environments

NTRES 417 Wetlands Resources (off campus)

Near Eastern Studies

NES 255 Introduction to Islamic Civilization

Nutritional Sciences

NS 422 Exercise Physiology and Human Performance

NS 660 Special Topics: Analysis of Longitudinal Data

Philosophy

PHIL 101 Introduction to Philosophy

PHIL 145 Contemporary Moral Issues

PHIL 191 Introduction to Cognitive Science

PHIL 231 Introduction to Deductive Logic

Physical Education

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

Physics

PHYS 101-102-103 General Physics

PHYS 112 Physics I: Mechanics

PHYS 213 Physics II: Heat/Electromagnetism

PHYS 214 Physics III: Optics, Waves, and Particles

Policy Analysis and Management

PAM 320 Managing the Nonprofit Organization

Psychology

PSYCH 101 Introduction to Psychology: The Frontiers of Psychological Inquiry

PSYCH 102 Introduction to Cognitive Science

PSYCH 128 Introduction to Psychology: Personality and Social Behavior

PSYCH 199 Sports Psychology

PSYCH 280 Introduction to Social Psychology

PSYCH 350 Statistics and Research Design

Religious Studies

RELST 255 Introduction to Islamic Civilization

Romance Studies

French Language

FRROM 209 Intermediate Composition and Conversation

Quechua (off campus)

QUECH 131-132 Elementary Quechua

QUECH 133-134 Continuing Quechua

Spanish Language

SPANR 121 Elementary Spanish

SPANR 123 Continuing Spanish

Spanish Literature (off campus)

SPANL 364/664 Culture and Civilization of the Andean World

SPANL 365/665 Contemporary Sociopolitical Issues in the Andes

Russian

RUSSA 121-122 Russian Elementary Course

Science and Technology Studies

S&TS 287 Evolution

S&TS 447 Seminar in the History of Biology:
Evolution, Ethics, and Meaning In Life

Sociology

SOC 101 Introduction to Sociology

Textiles and Apparel

TXA 114 Introduction to Computer-Aided Design

Theatre, Film and Dance

THETR 383 Fundamentals of Screenwriting

Theoretical and Applied Mechanics

T&AM 293-294 Engineering Mathematics

Writing

WRIT 134 An Introduction to Writing in the
University