

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, NY 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

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 non-credit 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 cuspe@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 non-credit 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 week-long 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, NY 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/.

For faculty members interested in developing credit or noncredit distance learning courses, the school offers a broad range of services, including determining technological needs, resolving copyright issues, creating a marketing plan, and fulfilling administrative duties related to the course. Services are tailored to individual needs and ongoing support is available. Visit www.sce.cornell.edu/dl/ to see what's possible.

CyberTower is an exciting 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 DL

AM ST 202 Popular Culture in the United States, 1945 to the Present DL

AN SC 222 Canine Genetics DL

ASIAN 225 Literature, Politics, and Genocide in Cambodia DL

COMM 120 Contemporary Mass Communication DL

COMM 272 Principles of Public Relations and Advertising DL

COMM 376 Planning Communication Campaigns DL

ECON 101 Introductory Microeconomics DL

EDUC 548 Effective College Teaching DL

GOVT 161 Introduction to Political Philosophy DL

GOVT 314 Prisons: The Politics of Incarceration in America DL

ILRST 210 Statistical Reasoning DL

ILRST 510 Statistical Methods for the Social Sciences I DL

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 and Cornell employees 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/. If a course is offered through distance learning, the course title will be followed by **DL**.

Winter Session Course Roster

- AM ST 202 Popular Culture in the United States, 1945 to the Present **DL**
- AS&RC 131 Swahili (off campus)
- BIOEE 264 Tropical Field Ornithology (off campus)
- C&RP 495.18 Introduction to Peace Science
- COMM 263 Organizational Writing
- COMM 272 Principles of Public Relations and Advertising **DL**
- EAS 305 Field Study in Hawaii (off campus)
- ECON 101 Introductory Microeconomics **DL**
- ECON 102 Introductory Macroeconomics
- ECON 307 Introduction to Peace Science
- ENGL 280 Creative Writing
- ENGL 288 Expository Writing
- GOVT 161 Introduction to Political Philosophy **DL**
- NES 259 Islam—In Theory and Practice
- OR&IE 350 Financial and Managerial Accounting
- RELST 259 Islam—In Theory and Practice
- 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 in the fall, spring, or summer 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, M101 McGraw Hall, Ithaca, NY 14853-4601; call 255-4090; e-mail cwash@cornell.edu; or visit www.ciw.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 November. If a course is also offered through distance learning, the course title will be followed by **DL**.

Africana Studies

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

International Agriculture (off campus)

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

Biological and Environmental Engineering

- BEE 299 Sustainable Development

American Studies

- 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 341 Recent American History, 1960 to the Present

Animal Science

- AN SC 222 Canine Genetics **DL**

Anthropology

- ANTHR 100 Introduction to Archaeology
- ANTHR 101-102 Introduction to Anthropology
- ANTHR 280 Native Americans and the Environment

- ANTHR 315 Art in the Modern World: Expressive Culture and Performance

Applied Economics and Management

- AEM 210 Introductory Statistics
- AEM 221 Financial Accounting
- AEM 250 Environmental and Resource Economics
- AEM 320 Business Law I
- AEM 323 Managerial Accounting
- AEM 494 Special Topics

Archaeology

- ARKEO 100 Introduction to Archaeology
- ARKEO 358 Archaeology in Honduras

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 (off campus)
- ART 459 Independent Studio in Drawing (off campus)

Asian Studies

- ASIAN 225 Literature, Politics, and Genocide in Cambodia **DL**

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 (even years)

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 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

BIONB 221 Neurobiology and Behavior I: Introduction to Behavior

BIO G 499 Undergraduate Research in Biology

Plant Biology

BIO G 209 Introduction to Natural-Science Illustration

BIOPL 240 Green World/Blue Planet

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 309 Climates and Ecosystems

BIOSM 329 Ecology of Animal Behavior

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 373 Biology of the Marine Invertebrates

BIOSM 374 Field Ornithology

BIOSM 375 Field Marine Biology and Ecology

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 205 Ethical Issues in Health and Medicine

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

Biological Statistics and Computational Biology

BTRY 301/601 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 422 Psychology of Television (and Beyond)

COMM 494 Special Topics

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 172 Computation, Information, and Intelligence

COM S 211 Computers and Programming

COM S 212 Java Practicum

Earth and Atmospheric Sciences

EAS 108 Earth in the News

EAS 154 The Sea: An Introduction to Oceanography

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 250 Environmental and Resource Economics

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 441 Language, Literacy, and Schooling

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 621-622 Work Experience Coordinator Certification Course

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 Introductory Courses

ENGR1 172 Computation, Information, and Intelligence

Distribution Courses

ENGRD 211 Computers and Programming

ENGRD 221 Thermodynamics

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 211 Fantasy and Horror

ENGL 227 Shakespeare

ENGL 280 Creative Writing

ENGL 288-289 Expository Writing

ENGL 495 Independent Study (off campus)

English as a Second Language

ENGLF 101-102 English as a Second Language

English for Academic Purposes

ENGLB 115 English for Later Bilinguals

ENGLF 211 English as a Second Language

Entomology

ENTOM 213 General Entomology

Feminist, Gender, and Sexuality Studies

FGSS 203 Work and Family

FGSS 285 Gender and Sexual Minorities

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 314 Prisons: The Politics of Incarceration in America **DL**

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

GOVT 332 Modern European Politics

GOVT 420 The Politics of Environmental Protection in America

History

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

HIST 154 Introduction to American History

HIST 253 Introduction to Islamic Civilization

HIST 262 The Middle Ages: Introduction and Sampler

HIST 268 A History of Rome from Republic to Principate

HIST 287 Evolution

HIST 314 History of American Foreign Policy, 1912 to the Present (off campus)

HIST 340-341 Recent American History

HIST 371 World War II in Europe

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

Horticulture

HORT 202 Organic Gardening

Hotel Administration

H ADM 165 Managerial Communication I

H ADM 210 The Management of Human Resources

H ADM 420/620 Principles of Real Estate

Human Development

HD 115 Human Development

HD 216 Human Development: Adolescence and Youth

HD 284 Gender and Sexual Minorities

HD 370 Adult Psychopathology

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

Human Resource Studies

ILRHR 260/560 Human Resource Management

ILRHR 266 Personal Computer Basics

ILRHR 467 Managing for Personal and Organizational Survival

International and Comparative Labor

ILRIC 333/533 The Global North: Europe, the United States, and Japan in a Changing World 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 600 Site Grading Workshop

Linguistics

LING 111 American Sign Language I

LING 170 Introduction to Cognitive Science

Management

Common Core Courses

NCC 550 Financial Accounting

NCC 556 Finance with International Perspective

Management Elective Courses

NBA 548 Political Risk

NBA 554 International Finance

NBA 584 International Corporate Strategy

NBA 586 International Management

NBA 666 Negotiations

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 311 Introduction to Analysis

MATH 332 Algebra and Number Theory

Mechanical and Aerospace Engineering

M&AE 221 Thermodynamics

Music

MUSIC 105 Introduction to Music Theory

MUSIC 331 Sage Chapel Choir

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
 PHYS 501 Contemporary Physics for Teachers
 PHYS 502 Modern Mechanics for Teachers

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 325 Adult Psychopathology
 PSYCH 350 Statistics and Research Design

Religious Studies

- RELST 265 The Middle Ages: Introduction and Sampler

Romance Studies

French Language

- FRROM 209 Intermediate Composition and Conversation I

Italian Language

- ITALA 123 Continuing Italian

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

Rural Sociology

- R SOC 101 Introduction to Sociology
 R SOC 205 International Development
 R SOC 324 Environment and Society

Russian

- RUSSA 121-122 Russian Elementary Course

Science and Technology Studies

- S&TS 205 Ethical Issues in Health and Medicine
 S&TS 287 Evolution
 S&TS 324 Environment and Society

- S&TS 427 The Politics of Environmental Protection in America

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

Sociology

- SOC 101 Introduction to Sociology
 SOC 203 Work and Family
 SOC 206 International Development
 SOC 324 Environment and Society

Textiles and Apparel

- TXA 114 Introduction to Computer-Aided Design

Theatre, Film and Dance

Film Studies

- FILM 383 Screenwriting

Dance

- DANCE 210 Beginning Dance Composition

Theoretical and Applied Mechanics

- T&AM 293-294 Engineering Mathematics

Writing

- WRIT 134 An Introduction to Writing in the University