

SCHOOL OF CONTINUING EDUCATION AND SUMMER SESSIONS

The School of Continuing Education and Summer Sessions (SCE) is dedicated to providing outstanding educational opportunities throughout the year for people of all ages and interests.

Our programs are presented in a wide variety of formats and time frames and are offered on and off campus and via distance learning.

Join us to prepare for your future, enhance your studies, improve your job skills, or simply have fun learning something new!

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

Glenn C. Altschuler, dean

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Diane E. Sheridan, director, finance and administration

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Cathy M. Pace, registrar, and coordinator, continuing education information service

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, it offers 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.

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.

DISTANCE LEARNING

Need a flexible schedule? Have a full-time job? Planning to travel during the summer? Don't let any of these stop you from taking a class, earning credits, or learning something new. Wherever you are, whatever your schedule, Cornell distance learning courses are just a keyboard away.

Distance learning courses may include a web-based component, videotapes, and/or CD-ROMs. Students interact with the instructor and other students by phone or e-mail. Most assignments and examinations are completed within a scheduled time frame, just as in on-campus courses, but students have the option of getting a head start on readings and lectures. 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.

Distance Learning Course Roster

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|-----------|---|
| AM ST 202 | Popular Culture in the United States, 1945 to the Present |
| AN SC 222 | Canine Genetics |
| ASIAN 225 | Literature, Politics, and Genocide in Cambodia |
| BEE 299 | Sustainable Development |
| COMM 120 | Contemporary Mass Communication |
| COMM 272 | Principles of Public Relations and Advertising |
| COMM 376 | Planning Communication Campaigns |
| ECON 101 | Introductory Microeconomics |
| GOVT 161 | Introduction to Political Philosophy |
| GOVT 314 | Prisons: The Politics of Incarceration in America |
| ILRST 210 | Statistical Reasoning |
| ILRST 510 | Statistical Methods for the Social Sciences I |

CyberTower: Cornell at No Cost

Cornell's online CyberTower program is a great way to meet Cornell faculty and explore fascinating topics ranging from mastodons and wine appreciation to today's headline news, all at no cost.

CyberTower features three online program series, with new offerings added every month:

- **Study Rooms** contain video-streamed lectures, links to specially selected web sites, reading lists, and discussion boards with Cornell faculty and fellow CyberTower users.
- **Forums** are informal video-streamed conversations with leading faculty members. Discussion boards enable you to trade comments and questions with each month's featured guest.
- **Views and Reviews** are brief, unabashedly opinionated commentaries by faculty members on books, films, articles, and topics in the news.

To explore CyberTower, simply log on to cybertower.cornell.edu and follow the registration instructions. It's all free and is a great way to see what Cornell has to offer.

EXECUTIVE AND PROFESSIONAL PROGRAMS

The school presents short, high-level professional updates, both on and off campus, in study tours and in locations worldwide via distance learning. These courses are taught by Cornell faculty and senior research staff in many fields. Programs also can be designed to respond to the specific needs and interests of corporations, professional societies, and other groups. For information, call 255-7259; e-mail cusp@cornell.edu; fax 255-8942; or visit www.sce.cornell.edu/exec/.

EXTRAMURAL STUDY

Cornell students whose studies have been interrupted may find it useful to take classes on a part-time basis. The school is also dedicated to offering part-time study to staff, faculty, "townies," and anyone else interested in taking courses at the university, improving their job skills, continuing their education, or simply having fun learning something new.

Thanks to the school's Extramural Study program, anyone may (with few exceptions) enroll in any course in the university during the fall and spring semesters if space is available. Part-time study at Cornell is a great opportunity to take fascinating courses and study with world-renowned faculty members. If you'd like to take advantage of Cornell's extensive course offerings but don't need college credit, you may register through the Visitor's Program and receive a 90 percent discount on tuition.

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/.

SPECIAL PROGRAMS

If you want to immerse yourself in a particular subject, consider enrolling in a special program. Programs are offered on and off campus, may include an internship, and may be combined with other courses. For information, call 255-7259; e-mail cusp@cornell.edu; fax 255-8942; or visit www.sce.cornell.edu/sp/.

On-Campus Special Programs Roster

AEM Certificate in Business Management

African Languages: Swahili

Intensive Arabic Program

Architecture

Art in the Modern World: Expressive Culture and Performance

Asian Studies Programs: Chinese, Japanese, Nepali, Sinhala, Tibetan

Biological Sciences Undergraduate Research Program

City and Regional Planning: Using GIS for Neighborhood Analysis

Cornell Institute for Biology Teachers Education

Engineering Cooperative Education Program

Summer Intensive English Program

Freshman Summer Start

School of Hotel Administration Executive Education Programs

Industrial and Labor Relations: Strategic Corporate Research

International Business Program

Japanese Teacher Training Workshop

Landscape Architecture: Site Grading

Latin American Studies Summer Program

CNS Institute for Physics Teachers

Prefreshman Summer Program

Telluride Association Summer Program

Leadership Program for Veterinary Students

Off-Campus Special Programs Roster

Indigenous Amazonian Culture

Archaeology in Greece

Archaeology in Honduras

Architecture

Art Studio and Creative Writing Workshop in Rome, Italy

Electronic Imaging in South Eastern Europe

Geologic Field Mapping in Argentina

Human Ecology: Urban Semester Program—The Culture of Medicine

Investment Management Program

Latin American Studies Summer Programs in Bolivia and Brazil

Marine Science: Shoals Marine Laboratory, Maine

Satellite Remote Sensing Applications in Biological Oceanography

Summer in Washington

Campus to Careers

The job market's tough. The economy's tight. You've been thinking it's time to get serious about your future . . .

The School of Continuing Education and Summer Sessions invites you to join us for one of our highly regarded programs linking classrooms and careers. No matter what your major is, you can:

- Expand your career opportunities
- Strengthen your resume and skills
- Develop professional contacts
- Take focused, intensive classes
- Learn from distinguished professors, alumni, practitioners, and executives
- Study in Washington, D.C., New York City, or on the Cornell campus in Ithaca
- Enrich your personal, academic, and professional life

For more information, visit www.sce.cornell.edu/sp/.

Campus-to-Careers Programs Roster

AEM Certificate in Business Management

Cornell University Prelaw Program

International Business Program

Investment Management Program

Summer in Washington

Practicing Medicine/Providing Health Care

SUMMER COLLEGE PROGRAMS FOR HIGH SCHOOL STUDENTS

Cornell's award-winning programs for high school students offer one-, three-, and six-week programs for talented sophomores, juniors, and seniors from around the world.

Participants live on our beautiful campus, take college classes with leading Cornell faculty, earn an average of 6 credits, and explore careers and academic majors.

The program is a wonderful opportunity for high school students to experience college life and make some great friends. At the end of the program, students often say it's been the best summer of their life.

For information, call 255-6203; e-mail summer_college@cornell.edu; fax 255-6665; or visit www.summercollege.cornell.edu.

WINTER SESSION

Cornell undergraduate and graduate students, as well as employees and area residents, can earn up to 4 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 also is offered through distance learning, the course title will be followed by **DL**.

Winter Session Course Roster

ASIAN 250 Introduction to Asian Religions

AS&RC 131 Swahili (off campus)

BIOEE 264 Tropical Field Ornithology (off campus)

CRP 495.18 Introduction to Peace Science

COMM 263 Organizational Writing

EAS 305 Field Study in Hawaii (off campus)

ECON 101 Introductory Microeconomics **DL**

ECON 102 Introductory Macroeconomics

ECON 307 Introduction to Peace Science

ENGL 257 American Musical Theatre in New York City (off campus)

ENGL 280 Creative Writing

ENGL 288 Expository Writing

MUSIC 257 American Musical Theatre in New York City (off campus)

OR&IE 350 Financial and Managerial Accounting

RELST 250 Introduction to Asian Religions

THETR 257 American Musical Theatre in New York City (off campus)

Practicing Medicine/Providing Health Care (off campus)

CORNELL UNIVERSITY SUMMER SESSION

Summer at Cornell is an excellent time to get a world-class education while enjoying all of the pleasures of summer in the Finger Lakes.

Summer Session features open admissions and an outstanding faculty, three-quarters of whom teach year round. Courses are offered on and off campus and via distance learning.

During our three-, six-, or eight-week sessions you can actually get to know your professors and are sure to be surrounded by intriguing people of all ages from all over the world. And, all with time left over for travel or a summer job.

Summer Session offers the practical benefits of fulfilling requirements, accelerating your degree, gaining personal and professional growth, or easing your fall/spring course load. It's also the perfect time to take advantage of the area's stunningly beautiful gorges, waterfalls, lakes, and parks. Hike, swim, sail, picnic, or enjoy a sunset concert on the Arts Quad.

However you look at it, spending a summer at Cornell is a great way to enjoy the best of the university and the best of summer!

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

American Studies

AM ST 104 Introduction to American History

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

AM ST 341 Recent American History, 1960 to the Present

Anthropology

ANTHR 100 Introduction to Archaeology

ANTHR 101-102 Introduction to Anthropology

ANTHR 389 Culture and Emotion: Love and Death in Cross-Cultural Perspective

Applied Economics and Management

AEM 209 Introduction to Business Statistics

AEM 210 Introductory Statistics

AEM 221 Financial Accounting

AEM 250 Environmental and Resource Economics

AEM 320 Business Law I

AEM 323 Managerial Accounting

AEM 416 Consumer Demographics and Market Analysis

AEM 494 Undergraduate Special Topics in Applied Economics and Management

Archaeology

ARKEO 100 Introduction to Archaeology

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 131 Introductory Intaglio

ART 141 Introductory Sculpture

ART 151-152 Drawing I and II

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 231 Intaglio II

ART 241 Sculpture II

ART 261 Photography II

ART 263 Color Photography

ART 361 Photography III

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 432 Survey of Cell Biology

BIOBM 440 Laboratory in Biochemistry and Molecular Biology

BIOBM 441 Experimental Proteins and Enzymology

Neurobiology and Behavior

BIO G 107-108 General Biology

BIONB 221 Neurobiology and Behavior I: Introduction to Behavior

Plant Biology

BIO G 209 Introduction to Natural-Science Illustration

BIOPL 240 Green World/Blue Planet

BIOPL 245 Plant 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 103 Intensive Greek

Latin

CLASS 107 Intensive Latin

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 410 Organizational Communication: Theory and Practice

COMM 420 Public Opinion and Social Processes

COMM 494 Special Topics

Comparative 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

COM S 322 Introduction to Scientific Computation

Developmental Sociology

D SOC 101 Introduction to Sociology

D SOC 311 Social Movements

D SOC 335 Sociology of Gender and Development

Earth and Atmospheric Sciences

EAS 108 Earth in the News

EAS 154 The Sea: An Introduction to Oceanography, Lectures

Economics

ECON 101 Introductory Microeconomics **DL**

ECON 102 Introductory Macroeconomics

ECON 313 Intermediate Microeconomic Theory (calculus)

ECON 314 Intermediate Macroeconomic Theory

ECON 362 International Monetary Theory and Policy

ECON 434 Financial Economics, Derivatives, and Risk Management

Education

EDUC 151 Engaging Diversity: Multicultural Issues in Education and Society

Engineering

Introductory Courses

ENGR 115 Engineering Applications of Operations Research

Distribution Courses

ENGR 211 Computers and Programming

ENGR 221 Thermodynamics

ENGR 270 Basic Engineering Probability and Statistics

ENGR 322 Introduction to Scientific Computation

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

English

ENGL 131 FWS: Reading and Writing About . . . ?

ENGL 132 FWS: The Familiar Essay

ENGL 227 Shakespeare

ENGL 280 Creative Writing

ENGL 288-289 Expository Writing

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

Government

GOVT 111 Introduction to American Government and Politics

GOVT 131 Introduction to Comparative Government and Politics

GOVT 181 Introduction to International Relations

GOVT 386 The Causes of War

History

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

HIST 154 Introduction to American History

HIST 268 A History of Rome from Republic to Principate

HIST 279 European Cultural History: From the Enlightenment to the Fin de Siecle

HIST 287 Evolution

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

ART H 261 Introduction to Art History: Modern Art

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 365 The Social Development of Masculinity

HD 370 Adult Psychopathology

Industrial and Labor Relations

Collective Bargaining, Labor Law, and Labor History

ILRCB 100 Introduction to United States Labor History: Nineteenth Century

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 Politics of the Global North

Organizational Behavior

ILROB 170 Introduction to Microorganizational Behavior and Analysis

ILROB 520 Organizational Behavior and Analysis

Social Statistics

ILRST 210-211 Statistical Reasoning I and II **DL**

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

Linguistics

LING 111-112 American Sign Language I and II

LING 170 Introduction to Cognitive Science

Management

Common Core Courses

NCC 556 Managerial Finance

Management Elective Courses

NBA 548 Political Risk

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

Near Eastern Studies

NES 280 Bosnian Literature from 1900 to the Present

Nutritional Sciences

NS 422 Exercise Physiology and Human Performance

Operations Research and Industrial Engineering

OR&IE 115 Engineering Applications of Operations Research

Philosophy

PHIL 101 Introduction to Philosophy

PHIL 145 Contemporary Moral Issues

PHIL 191 Introduction to Cognitive Science

PHIL 231 Introduction to Deductive Logic

PHIL 263 Religion and Reason

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

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 262 Religion and Reason

Romance Studies**French Language**

FRROM 209 Intermediate Composition and Conversation I

Italian Language

ITALA 123 Continuing Italian

Spanish Language

SPANR 121 Elementary Spanish

SPANR 123 Continuing Spanish

Russian

RUSSA 121-122 Elementary Russian Through Film

Science and Technology Studies

S&TS 205 Ethical Issues in Health and Medicine

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**Film Studies**

FILM 324 Film Animation Workshop: Experimental and Traditional Animation on the Oxberry

FILM 383 Screenwriting

Dance

DANCE 210 Beginning Dance Composition

DANCE 303 Dance Technique Workshop

Theoretical and Applied Mechanics

T&AM 293-294 Engineering Mathematics

Writing

WRIT 134 Introduction to Writing in the University

INDIVIDUALIZED STUDY

Can't find the course you want? Take the course independently! You'd like to study cosmic rays and high-energy electromagnetic radiation, protein structure and the nature of enzymatic catalysis, or American and European decorative arts of the Renaissance and the nineteenth century. Although there are no regularly scheduled summer courses in those areas or in other areas in which you may be interested, you may still be able to study your favorite subject. Courses that aren't a part of the regular schedule may be offered for an individual or a group.

If you're interested in such a course and can find a professor willing to supervise your study, pick up the application for individualized study (available on the web at www.summer.cornell.edu or from the Summer Session office). Also, please let the Summer Session office know if there are courses you would like to see offered next summer (call 255-4987 or e-mail cusce@cornell.edu).