

SCHOOL OF CONTINUING EDUCATION AND SUMMER SESSIONS

The School of Continuing Education and 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 607/255-4987; e-mail cusce@cornell.edu; or fax 607/255-9697; unless indicated otherwise below. You may also visit us on the Web at www.continuingeducation.cornell.edu.

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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 and are usually kept small to foster a close association between students and teachers. For information call 607/255-4987; e-mail cusce@cornell.edu; or visit our Web site at www.summer.cornell.edu.

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, and at other locations worldwide. For information call 607/255-7259; e-mail cuscp@cornell.edu; fax 607/255-9697; or visit www.continuingeducation.cornell.edu/SP/.

SUMMER COLLEGE PROGRAMS FOR HIGH SCHOOL STUDENTS

High school sophomores, 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; e-mail summer_college@cornell.edu; fax 607/255-8942; 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, week-long 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; e-mail cauinfo@cornell.edu; fax 607/254-4482; call 607/255-6260; or visit www.cau.cornell.edu.

DISTANCE LEARNING

The School of Continuing Education and Summer Sessions offers courses through distance learning. Instructional materials for these courses may be presented on the World Wide Web, video tapes, and/or CD-ROMs. Students interact with the instructor and other students by phone or e-mail. 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.continuingeducation.cornell.edu/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 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 607/255-4987; fax 607/255-9697; e-mail cusce@cornell.edu; or visit www.continuingeducation.edu/EXMU/.

WINTER SESSION

Cornell undergraduate and graduate students, as well as employees and area residents, can earn three 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 607/255-4987; fax 607/255-9697; e-mail cusce@cornell.edu; or visit www.wintersession.cornell.edu.

CONTINUING EDUCATION INFORMATION SERVICE

This service provides free information, counseling, and referral to people 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 607/255-4987; fax 607/255-9697; or e-mail cusce@cornell.edu.

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. 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

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

Agricultural and Biological Engineering

ABEN 476 Solid Waste Engineering

Agricultural, Resource, and Managerial Economics

ARME 220 Introduction to Business Management

ARME 221 Financial Accounting

ARME 320 Business Law I

ARME 324 Financial Management

ARME 451 Environmental Economics and Policy

American Studies

AM ST 101-102 Introduction to American Studies **DL**

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**

Anthropology

ANTHR 101 Introduction to Anthropology

ANTHR 201 Lost Tribes and Sunken Continents

Archaeology

ARKEO 100 Introduction to Archaeology

ARKEO 201 Lost Tribes and Sunken Continents

ARKEO 361 Summer Program in Etruscan Archaeology at La Piana

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

ARCH 388 Modernism

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

Art

ART 121 Introductory Painting

ART 123 Landscape Painting

ART 141 Introductory Sculpture

ART 151 Drawing I

ART 152 Drawing II

ART 158 Conceptual Drawing

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 321 Painting III

ART 361 Photography III

ART 372 Special Topics in Studio Art

ART 429-489 Independent Studio

Asian Studies

ASIAN 407 Religion and Human Rights

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

General Courses

BIO G 107-108 General Biology

BIO G 200 Special Studies in Biology

BIO G 207 Evolution

BIO G 209 Introduction to Natural-Science Illustration

BIO G 467 Seminar in the History of Biology: Evolution, Ethics, and Meaning in Life

BIO G 499 Undergraduate Research in Biology

Biochemistry, Molecular and Cell Biology

BIOBM 333 Principles of Biochemistry: Proteins, Metabolism, and Molecular Biology

BIOBM 602 Molecular Biology for Teachers

Ecology and Evolutionary Biology

BIOES 261 Ecology and the Environment

BIOES 373 Biology of the Marine Invertebrates

Genetics and Development

BIOGD 281 Genetics

Microbiology

BIOMI 290-291 General Microbiology

Plant Biology

BIOPL 245 Plant Biology

Shoals Marine Laboratory

BIOSM 160 Oceanography of the Gulf of Maine

BIOSM 161 Introduction to Field Marine Science

BIOSM 204 Biological Illustration

BIOSM 303 Ecology of Marine Fishes

BIOSM 309 Climates and Ecosystems

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 Ecology

BIOSM 413 Experimental Marine Ecology

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

Biometrics

BTRY 601 Statistical Methods I

Chemistry

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

CHEM 421 Introduction to Inorganic Research

CHEM 433 Introduction to Analytical Research

CHEM 461 Introduction to Organic Research

CHEM 477 Introduction to Research in Physical Chemistry

City and Regional Planning

CRP 320/520 Introduction to Statistical Reasoning for Urban and Regional Analysis

Classics

Classical Civilization

CLASS 236 Greek Mythology

CLASS 361 Summer Program in Etruscan Archaeology at La Piana

Greek

CLASS 104 Intensive Greek

Latin

CLASS 107 Intensive Latin

CLASS 369 Intensive Medieval Latin Reading

Communication

COMM 116 Communication in Social Relationships

COMM 120 Contemporary Mass Communication **DL**

COMM 201 Oral Communication

COMM 203 Argumentation and Debate

COMM 204 Effective Listening

COMM 240 Communication Systems and Technologies

COMM 263 Organizational Writing

COMM 272 Principles of Public Relations and Advertising **DL**

COMM 301 Business and Professional Speaking

COMM 350 Writing for Magazines

COMM 411 Leadership from a Communication Perspective

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

COM L 353 European Cultural History, 1870-1945

Computer Science

- COM S 099 Fundamental Programming Concepts
COM S 100 Introduction to Computer Programming
COM S 211 Computers and Programming
COM S 410 Data Structures

Economics

- ECON 101 Introductory Microeconomics **DL**
ECON 102 Introductory Macroeconomics
ECON 106 Introduction to Financial Statement Analysis
ECON 205 Managerial Accounting for Planning and Control
ECON 313 Intermediate Microeconomic Theory
ECON 314 Intermediate Macroeconomic Theory
ECON 362 International Monetary Theory and Policy
ECON 409 Environmental Economics and Policy

Education

- EDUC 420 Field Experience
EDUC 445 Curriculum Design Workshop
EDUC 497 Independent Study
EDUC 501 Communication Workshop
EDUC 507 Science and the Environment for Teachers
EDUC 523 Food and Fiber Across the Curriculum
EDUC 548 Effective College Teaching
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 783 Comparative Extension Education Systems
EDUC 800 Master's-Level Thesis Research
EDUC 900 Doctoral-Level Thesis Research

Engineering

Distribution Courses

- ENGRD 203 Dynamics
ENGRD 211 Computers and Programming
ENGRD 221 Thermodynamics
ENGRD 270 Basic Engineering Probability and Statistics

The Engineering Cooperative 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 273 Children's Literature
ENGL 288-289 Expository Writing
ENGL 448 The American Short Story

English as a Second Language

- ENGLF 101-102 English as a Second Language
ENGLF 211 English as a Second Language
ENGLB 215 English for Later Bilinguals

Geological Sciences

- GEOL 101 Introductory Geological Science
GEOL 104 The Sea: An Introduction to Oceanography
GEOL 213 Marine and Coastal Geology
GEOL 417 Geologic Field Mapping in Argentina
GEOL 475 Advanced Topics in Oceanography I
GEOL 491 Undergraduate Research
GEOL 492 Advanced Topics in Oceanography II

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
GOVT 313 The Nature, Functions, and Limits of Law
GOVT 331 The Political Environment of International Business

History

- HIST 101-102 Introduction to American History
HIST 124 Democracy and Its Discontents: Political Traditions in the United States
HIST 151-152 Introduction to Western Civilization
HIST 268 A History of Rome from Republic to Holy City
HIST 314 History of American Foreign Policy, 1912 to the Present
HIST 340-341 Recent American History
HIST 363 European Cultural History, 1870-1945
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

Horticultural Sciences

- HORT 494 The How, When, and Why of Grafting **DL**

Hotel Administration

- H ADM 165 Managerial Communication I
H ADM 174 Microcomputing

- H ADM 210 The Management of Human Resources

- H ADM 354 Computer-Aided Design
H ADM 365 Managerial Communication II
H ADM 450/651 Principles of Real Estate

Human Development

- HD 115 Human Development
HD 440 Internship in Educational Settings for Young Children

Human Ecology

- HE 406 Fieldwork in Professional Practice: Summer in the City

Industrial and Labor Relations

Collective Bargaining, Labor Law, and Labor History

- ILRCB 100 Introduction to U.S. Labor History: Nineteenth Century
ILRCB 201/501 Labor and Employment Law
ILRCB 300 Collective Bargaining
ILRCB 499 Summer Employment Research
ILRCB 608 Special Topics in Collective Bargaining, Labor Law, and Legislation

Human Resource Studies

- ILRHR 266 Personal Computer Basics
ILRHR 468 Human Resources Management Simulation

Organizational Behavior

- ILOB 170/520 Introduction to Microorganizational Behavior and Analysis: The Social Psychology of the Workplace
ILOB 171 Introduction to Microorganizational Behavior and Analysis

Social Statistics

- ILRST 210-211 Statistical Reasoning **DL**
ILRST 510-511 Statistical Methods for the Social Sciences **DL**

Jewish Studies

- JWST 364 Introduction to Field Archaeology in Israel

Landscape Architecture

- LA 500 The Art of Place

Linguistics

- LING 242 Diversity in American English

Management

- NBA 560 Business Law I
NBA 584 Management of the Multinational Corporation

Marine Science

Consult related department listings for summer offerings in marine science.

Mathematics

- MATH 103 Mathematical Explorations
MATH 105 Finite Mathematics for Biologists

- MATH 109 Precalculus Mathematics
- MATH 111–112 Calculus
- MATH 171 Statistical Theory and Application in the Real World
- MATH 192–193 Calculus for Engineers
- MATH 221 Linear Algebra and Calculus
- MATH 293–294 Engineering Mathematics

Mechanical and Aerospace Engineering

- M&AE 221 Thermodynamics

Modern Languages

Chinese

- CHIN 160 Introductory Intensive Chinese (Mandarin)
- CHIN 201–202 Intermediate Chinese

French

- FRDML 121 Elementary French
- FRDML 203 Intermediate Composition and Conversation

Japanese

- JAPAN 160 Introductory Intensive Japanese
- JAPAN 203–204 Intermediate Japanese Conversation
- JAPAN 403 Teaching of Japanese as a Foreign Language

Nepali

- NEPAL 160 Intensive Nepali (odd-numbered years)

Russian

- RUSSA 121–122 Russian Elementary Course

Sinhala (Sinhalese)

- SINHA 160 Intensive Sinhala (even-numbered years)

Spanish

- SPAND 121 Elementary Spanish
- SPAND 123 Continuing Spanish
- SPAND 203 Intermediate Composition and Conversation
- SPAND 205 Translation

Swahili

- AS&RC 131–132 Swahili

Music

- MUSIC 105–106 Introduction to Music Theory
- MUSIC 274 Opera
- MUSIC 331 Sage Chapel Choir

Natural Resources

- NTRES 306 Coastal and Oceanic Law and Policy
- NTRES 309 Environmental Sovereignty: Managing Natural Resources in American Indian Territories
- NTRES 417 Wetlands Resources

Near Eastern Studies

- NES 364 Introduction to Field Archaeology in Israel

Operations Research and Industrial Engineering

- OR&IE 270 Basic Engineering Probability and Statistics

Philosophy

- PHIL 101 Introduction to Philosophy
- PHIL 145 Contemporary Moral Issues
- PHIL 249 Feminism and Philosophy

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 202 The World According to Physics—The Way Things Work
- PHYS 213 Physics II: Heat/Electromagnetism
- PHYS 214 Physics III: Optics, Waves, and Particles
- PHYS 400 Informal Advanced Laboratory
- PHYS 500 Informal Graduate Laboratory
- PHYS 510 Advanced Experimental Physics

Policy Analysis and Management

- PAM 320 (formerly HSS 322) Managing the Nonprofit Organization
- PAM 430 Sociology of Health and Human Behavior

Psychology

- PSYCH 101 Introduction to Psychology: The Frontiers of Psychological Inquiry
- PSYCH 128 Introduction to Psychology: Personality and Social Behavior DL
- PSYCH 199 Sports Psychology
- PSYCH 214 Issues in Cognitive Psychology
- PSYCH 223 Introduction to Biopsychology
- PSYCH 265 Psychology and the Law
- PSYCH 298 Meritocracy from Plato to the Bell Curve
- PSYCH 350 Statistics and Research Design

Religious Studies

- RELST 407 Religion and Human Rights

Rural Sociology

- R SOC 101 Introductory Sociology
- R SOC 324 Environment and Society
- R SOC 434 Sociology of Health and Human Behavior

Science and Technology Studies

- S&TS 287 Evolution
- S&TS 324 Environment and Society
- S&TS 447 Seminar in the History of Biology: Evolution, Ethics, and Meaning In Life

Sociology

- SOC 101 Introduction to Sociology
- SOC 324 Environment and Society

Textiles and Apparel

- TXA 114 Introduction to Computer-Aided Design

Theoretical and Applied Mechanics

- T&AM 203 Dynamics
- T&AM 293–294 Engineering Mathematics

Women's Studies

- WOMNS 249 Feminism and Philosophy

Writing

- WRIT 134 An Introduction to Writing in the University