

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 <http://www.sce.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-, eight-, and six-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.

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 cuspe@cornell.edu; or fax 607/255-9697.

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; or fax 607/255-8942.

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; or call 607/255-6260.

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.

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.

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.

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.

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. The summer session catalog is published in February. A preliminary course roster is available beginning in late November and current course offerings are listed and updated on the Web from November through June.

Africana Studies

AS&RC 205 African Civilizations and Culture

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

Agricultural, Resource, and Managerial Economics

ARME 220 Introduction to Business Management

ARME 221 Financial Accounting

ARME 320 Business Law I

Anthropology

ANTHR 101 Introduction to Anthropology

ANTHR 257 American Indians in Film

Archaeology

ARKEO 100 Introduction to Archaeology

ARKEO 319 Underwater Archaeology

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 An Introduction to Architecture: Lecture Series
- ARCH 251 Photography I
- Consult the Department of Architecture office for a complete list of summer design offerings.

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 321 Painting III
- ART 372 Special Topics in Studio Art
- ART 429-489 Independent Studio

Asian Studies

- ASIAN 250 Introduction to Asian Religions

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 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

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 Coastal Ecology and Bioclimates
- 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 374 Field Ornithology
- BIOSM 402 Marine Pollution
- 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

Biometry and Statistics

- BTRY 601 Statistical Methods I

Chemistry

- CHEM 103 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

Classics

Classical Civilization

- CLASS 223 The Comic Theater
- 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
- COMM 201 Oral Communication
- COMM 204 Effective Listening
- COMM 230 Visual Communication
- COMM 263 Organizational Writing
- COMM 272 Principles of Public Relations and Advertising
- COMM 301 Business and Professional Speaking
- COMM 350 Writing for Magazines

Comparative Literature

- COM L 105 The Hero in Literature
- COM L 202 Great Books
- COM L 223 The Comic Theater
- COM L 236 Greek Mythology

Computer Science

- COM S 099 Fundamental Programming Concepts
- COM S 100 Introduction to Computer Programming
- COM S 211 Computers and Programming
- COM S 222 Introduction to Scientific Computation
- COM S 410 Data Structures

Design and Environmental Analysis

- DEA 104 Introduction to Interior Design Studio
- DEA 115 Design Graphics
- DEA 149 Lighting the Interior Environment
- DEA 150 Introduction to Human-Environment Relations

Economics

- ECON 101 Introductory Microeconomics
- ECON 102 Introductory Macroeconomics
- ECON 105 Introduction to Financial and Management Accounting
- ECON 205 Managerial Accounting for Planning and Control
- ECON 263 International Economics
- ECON 313 Intermediate Microeconomic Theory
- ECON 314 Intermediate Macroeconomic Theory
- ECON 362 International Monetary Theory and Policy
- ECON 371 Economic Development

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 513 Interpersonal Interaction
- EDUC 523 Food and Fiber Across the Curriculum
- EDUC 547 Instructional Development in Higher Education
- EDUC 620 Internship in Education
- EDUC 621-622 Work-Experience Coordinator Certification Course
- EDUC 644 Curriculum Theory and Analysis
- EDUC 694 Special Topics in Education
- EDUC 711 Contemporary Issues in Educational Psychology
- EDUC 783 Comparative Extension Education Systems
- EDUC 800 Master's-Level Thesis Research
- EDUC 900 Doctoral-Level Thesis Research

Engineering

General Interest Courses

- ENGRG 101 The Computer Age

Distribution Courses

- ENGRD 202 Mechanics of Solids
- ENGRD 203 Dynamics
- ENGRD 211 Computers and Programming
- ENGRD 221 Thermodynamics
- ENGRD 222 Introduction to Scientific Computation
- 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

Entomology

- ENTOM 631 Systematics of the Coleoptera

Floriculture and Ornamental Horticulture

- HORT 436 Tree Climbing and Arboricultural Skills

Geological Sciences

- GEOL 101 Introductory Geological Science
- GEOL 104 The Sea: An Introduction to Oceanography

- GEOL 417 Geologic Field Mapping in Argentina
- GEOL 475 Bioacoustical Oceanography
- GEOL 491 Undergraduate Research

Government

- GOVT 111 Introduction to American Government and Politics
- GOVT 131 Introduction to Comparative Government and Politics
- GOVT 181 Introduction to International Relations
- GOVT 307 An Introduction to Public Policy
- GOVT 331 The Political Environment of International Business
- GOVT 385 Contemporary American Policy

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 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
- ART H 261 Introduction to Art History: Modern Art

Hotel Administration

- H ADM 165 Managerial Communication I
- H ADM 174 Microcomputing
- H ADM 210 The Management of Human Resources
- H ADM 450/651 Principles of Real Estate

Human Development

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

Human Ecology

- HE 406 Fieldwork in Diversity and 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

Human Resource Studies

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

Organizational Behavior

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

Social Statistics

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

Jewish Studies

- JWST 364 Introduction to Field Archaeology in Israel

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 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 203-213 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)

Quechua

- QUECH 131-132 Elementary Quechua
- QUECH 133-134 Continuing Quechua

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

Swahili

AS&RC 131-132 Swahili

Music

MUSIC 105-106 Introduction to Music Theory

MUSIC 331 Sage Chapel Choir

Natural Resources

NTRES 309 Natural-Resource Management in American Indian Nations

NTRES 417 Wetlands Resources

Near Eastern Studies

NES 215 Intermediate Arabic

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

Plant Pathology

PL PA 501 Plant Path-Ways to Science

Policy Analysis and Management

PAM 320 (formerly HSS 322) Managing the Nonprofit Organization

PAM 326 (formerly CEH 315) Personal Financial Management

PAM 380 (formerly HSS 315) Human Sexuality

Psychology

PSYCH 101 Introduction to Psychology: The Frontiers of Psychological Inquiry

PSYCH 123 Introduction to Biopsychology

PSYCH 128 Introduction to Psychology: Personality and Social Behavior

PSYCH 199 Sports Psychology

PSYCH 205 Perception

PSYCH 214 Issues in Cognitive Psychology

PSYCH 265 Psychology and the Law

PSYCH 350 Statistics and Research Design

Religious Studies

RELST 250 Introduction to Asian Religions

Rural Sociology

R SOC 101 Introductory Sociology

R SOC 324 Environment and Society

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

Textiles and Apparel

TXA 114 Introduction to Computer-Aided Design

Theatre Arts

THETR 223 The Comic Theater

Theoretical and Applied Mechanics

T&AM 202 Mechanics of Solids

T&AM 203 Dynamics

T&AM 293-294 Engineering Mathematics

Writing

WRIT 134 An Introduction to Writing in the University

Women's Studies

WOMNS 249 Feminism and Philosophy