

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; fax 607/255-9697; call 607/255-4987; or e-mail sce@cont-ed.comell.edu, unless indicated otherwise below.

ADMINISTRATION

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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 for professionals in many fields. Formats include for-credit courses of one to six weeks and noncredit weekend and weeklong short courses. Programs can also be designed in response to the needs and interests of corporations, professional societies, and other groups. For information call 607/255-7259; fax 607/255-8942; or e-mail sp@cont-ed.comell.edu.

SUMMER COLLEGE PROGRAM FOR HIGH SCHOOL STUDENTS

High school 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, 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, or call 607/255-6260.

EXTRAMURAL STUDY

Area residents may take courses at the university on a part-time basis by registering through extramural study. Those interested may enroll in almost any course offered in the fall and spring terms if they receive the instructor's written approval. The **Visitor's Program** is also offered. It 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 of 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.

EXTENDED EDUCATION INFORMATION SERVICE

This service provides information about extended education opportunities offered by the university to people inside and outside Cornell. These opportunities include short courses of all types, workshops, professional updates, and executive programs. To tell us about your offerings or to learn whether Cornell offers a course in a certain area, call 607/255-7259, fax 607/255-8942, or e-mail sp@cont-ed.comell.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. 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 CUINFO 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 Economics

AG EC 220 Introduction to Business Management

AG EC 221 Financial Accounting

AG EC 310 Introductory Statistics

AG EC 320 Business Law I

Anthropology

ANTHR 101-102 Introduction to Anthropology

ANTHR 201 Lost Tribes and Sunken Continents

Archaeology

ARKEO 100 Introduction to Archaeology

ARKEO 201 Lost Tribes and Sunken Continents

ARKEO 300 Archaeology of Maritime Communities

ARKEO 319 Underwater Archaeology

ARKEO 358 Field Archaeology in Honduras

ARKEO 360 Field Archaeology in Greece

ARKEO 361 Summer Program in Etruscan Archaeology at La Piana

ARKEO 365 Field Archaeology in New York State

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 Introductory Photography I

ARCH 351 Photography II

Consult the Department of Architecture office for a complete list of summer design offerings.

Art

- ART 121 Introductory Painting
 ART 123 Landscape Painting
 ART 133 Introductory Lithography
 ART 141 Introductory Sculpture
 ART 151 Introductory Drawing
 ART 158 Conceptual Drawing
 ART 159 Life and Still-Life Drawing
 ART 161 Introductory Photography I
 ART 168 Black-and-White Photography
 ART 169 Color Photography
 ART 171 Computer Art
 ART 221 Painting II
 ART 241 Sculpture II
 ART 261 Photography II
 ART 263 Color Photography
 ART 264 Photo Processes
 ART 321 Painting III
 ART 341 Sculpture III
 ART 361 Photography III: Color
 ART 362 Photography IV
 ART 372 Special Topics in Studio Art
 ART 379 Independent Studio

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

- BIO S 107-108 General Biology
 BIO S 160 Oceanography of the Gulf of Maine
 BIO S 161 Introduction to Field Marine Science
 BIO S 200 Special Studies in Biology
 BIO S 204 Biological Illustration
 BIO S 205 Ethics and Health Care
 BIO S 208 Drawing the Human Figure
 BIO S 209 Introduction to Natural-Science Illustration
 BIO S 245 Plant Biology
 BIO S 261 Ecology and the Environment
 BIO S 281 Genetics
 BIO S 282 Human Genetics
 BIO S 290-291 General Microbiology
 BIO S 309 Coastal Ecology and Bioclimates
 BIO S 327 Neurobiology of Animal Behavior
 BIO S 329 Ecology of Animal Behavior
 BIO S 331 Principles of Biochemistry, Lectures
 BIO S 363 Marine Biology for Teachers
 BIO S 364 Field Marine Science

- BIO S 365 Underwater Research
 BIO S 366 SEA Introduction to Oceanography
 BIO S 367 SEA Introduction to Maritime Studies
 BIO S 368 SEA Introduction to Nautical Science
 BIO S 372 SEA Practical Oceanography
 BIO S 389 Embryology
 BIO S 402 Marine Pollution
 BIO S 407 Advanced Laboratory Techniques
 BIO S 409 Ciliophorology
 BIO S 413 Adaptations of Marine Organisms
 BIO S 477 Marine Vertebrates
 BIO S 499 Undergraduate Research in Biology
 BIO S 602 Molecular Biology for Teachers

Chemistry

- CHEM 103-104 Introduction to Chemistry
 CHEM 207-208 General Chemistry
 CHEM 251 Introduction to Experimental Organic Chemistry
 CHEM 252 Elementary Experimental Organic Chemistry
 CHEM 253-255 Elementary Organic Chemistry
 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 495.9 Contemporary Issues in Latin America
 CRP 495.10 Development, Urbanization, and the Environment

Classics**Greek**

- CLASS 104 Intensive Greek

Latin

- CLASS 107 Intensive Latin
 CLASS 205 Intermediate Latin
 CLASS 207 Catullus
 CLASS 369 Intensive Medieval Latin Reading

Classical Civilization

- CLASS 102 Bioscientific Terminology
 CLASS 223 The Comic Theatre
 CLASS 226 The Trojan War: Archaeology, History, and Literature
 CLASS 236 Greek Mythology
 CLASS 360 Field Archaeology in Greece
 CLASS 361 Summer Program in Etruscan Archaeology at La Piana

Communication

- COMM 116 Theories of Human Communication
 COMM 120 Introduction to Mass Media
 COMM 191 History of Television

- COMM 201 Oral Communication
 COMM 203 Argumentation and Debate
 COMM 204 Effective Listening
 COMM 216 Communicating Interpersonally
 COMM 272 Principles of Public Relations and Advertising
 COMM 301 Business and Professional Speaking
 COMM 363 Organizational Writing
 COMM 410 Organizational Behavior and Communication
 COMM 460-461 Video Communication
 COMM 490 Communication and Training in Organizations
 COMM 624 Communication in the Developing Nations
 COMM 625 Communication for Social Change
 COMM 688 Participatory Communication for Research and Development

Comparative Literature

- COM L 105 The Hero in Literature
 COM L 202 Great Books of the Western Tradition: The Eighteenth to the Twentieth Century
 COM L 223 The Comic Theatre
 COM L 236 Greek Mythology

Computer Science

- COM S 099 Fundamental Programming Concepts
 COM S 100 Introduction to Computer Programming
 COM S 101 The Computer Age
 COM S 211 Computers and Programming
 COM S 222 Introduction to Scientific Computation
 COM S 410 Data Structures

Economics

- ECON 101 Introductory Microeconomics
 ECON 102 Introductory Macroeconomics
 ECON 309 Environmental Economics
 ECON 313 Intermediate Microeconomic Theory
 ECON 314 Intermediate Macroeconomic Theory
 ECON 321 Applied Econometrics
 ECON 331 Money and Credit
 ECON 362 International Monetary Theory and Policy
 ECON 363 International Economics

Education

- EDUC 420 Field Experience
 EDUC 497 Independent Study
 EDUC 501 Communication Workshop
 EDUC 620/621/622 Internship in Education
 EDUC 630 Special Problems in Agricultural and Occupational Education
 EDUC 783 Comparative Extension Education Systems

EDUC 800 Master's-Level Thesis Research

EDUC 900 Doctoral-Level Thesis Research

Engineering

ENGR 100 Introduction to Computer Programming

ENGR 101 The Computer Age

ENGR 202 Mechanics of Solids

ENGR 203 Dynamics

ENGR 211 Computers and Programming

ENGR 221 Thermodynamics

ENGR 222 Introduction to Scientific Computation

ENGR 260 Introductory Engineering Probability

ENGR 270 Basic Engineering Probability and Statistics

ENGR 293-294 Engineering Mathematics

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 137 Writing Workshop

ENGL 270 The Reading of Fiction

ENGL 275 The American Literary Tradition

ENGL 280 Creative Writing

ENGL 288-289 Expository Writing

ENGL 319 Chaucer

ENGL 327 Shakespeare

ENGL 350 The Early Twentieth Century (to 1914)

ENGL 477 Children's Literature

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

Floriculture and Ornamental Horticulture

FRDR 210 Sketching in Watercolor

French Literature

FRLIT 221 Introduction to French Literature

Geological Sciences

GEO 101 Introductory Geological Science

GEO 102 Evolution of the Earth and Life

GEO 104 The Sea: An Introduction to Oceanography

GEO 213 Marine and Coastal Geology

GEO 410 Summer Field Geology in Central Colorado

Government

GOVT 111 The Government of the United States

GOVT 161 Introduction to Political Theory

GOVT 231 Introduction to Comparative Government and Politics

GOVT 281 Introduction to International Relations

GOVT 310 Power and Poverty in America

GOVT 316 The American Presidency

History

HIST 101-102 Introduction to American History

HIST 151-152 Introduction to Western Civilization

HIST 277 American Indian History since 1850

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

HIST 340-341 Recent American History

History of Art

ART H 202 Survey of European Art: Renaissance to Modern

ART H 261 Introduction to Art History: Modern Art

Horticultural Sciences

HORT 205 Fruit and Vegetable Gardening

HORT 497 Independent Study

Hotel Administration

H ADM 174 Microcomputing

H ADM 210 The Management of Human Resources

H ADM 242 Marketing Principles

H ADM 354 Computer-Assisted Design

H ADM 487 Real Estate Law—A Case Approach

Human Development and Family Studies

HDFS 115 Human Development

HDFS 150 Families and the Life Course

HDFS 216 Human Development: Adolescence and Youth

HDFS 242 Participation with Groups of Young Children

HDFS 344 Infant Behavior and Development

HDFS 461 The Psychology of Television

Human Service Studies

HSS 380 Community Mental Health

Industrial and Labor Relations

Collective Bargaining, Labor Law, and Labor History

ILRCB 200/500 Collective Bargaining

ILRCB 201/501 Labor and Employment Law

ILRCB 608 Special Topics: Sports Arbitration

Economic and Social Statistics

ILRST 210-211 Statistical Reasoning

ILRST 510-511 Statistical Methods for the Social Sciences

Labor Economics

ILRLE 240/540 Economics of Wages and Employment

Organizational Behavior

ILROB 121/520 Introduction to Microorganizational Behavior and Analysis

ILROB 329 Organizational Cultures

ILROB 627 Leadership in Organizations

Personnel and Human Resource Studies

ILRPR 362 Career Development: Theory and Practice

Jewish Studies

JWST 103 Elementary Modern Hebrew

JWST 104 Continuing Modern Hebrew

JWST 149 Introduction to Jewish Studies

JWST 223 Introduction to the Bible

Landscape Architecture

LARCH 400 AutoCAD/LANDCAD

LARCH 500 Landscape Architecture: Art of Place

LARCH 600 Site Grading Workshop

Management

NBA 560 Business Law I

Marine Science

Consult related department listings for summer offerings in marine science.

Mathematics

MATH 101 History of Mathematics

MATH 105 Finite Mathematics

MATH 106 Calculus for Biologists

MATH 109 Precalculus Mathematics

MATH 111-112 Calculus

MATH 123 Analytic Geometry and Calculus

MATH 191 Calculus for Engineers

MATH 221 Linear Algebra and Calculus

MATH 293/294 Engineering Mathematics

MATH 421-422 Applicable Mathematics

MATH 431 Introduction to Algebra

Mechanical and Aerospace Engineering

M&AE 221 Thermodynamics

Modern Languages and Linguistics

CHIN 160 Introductory Intensive Chinese (Mandarin)

CHIN 201-202 Intermediate Chinese

Dutch

DUTCH 121-122 Elementary Dutch Course

French

FRDML 101 French Basic Course

FRDML 123 Continuing French

FRDML 203-213 Intermediate Composition and Conversation

FRDML 630 French for Reading—Graduate Students

German

GERLA 121-122 German Elementary Course

GERLA 631-632 Elementary Reading

Italian

ITALA 101 Italian Basic Course I

Japanese

JAPAN 160 Introductory Intensive Japanese

JAPAN 203-204 Intermediate Japanese
ConversationJAPAN 403 Teaching of Japanese as a Foreign
Language**Linguistics**

LING 101 Theory and Practice of Linguistics

Nepali

NEPAL 160 Intensive Nepali

Quechua

QUECH 131-132 Elementary Course

QUECH 133-134 Continuing Course

Russian

RUSSA 121-122 Russian Elementary Course

Sinhala (Sinhalese)

SINHA 160 Intensive Sinhala

Spanish

SPAND 101 Spanish Basic Course I

SPAND 123 Continuing Spanish

SPAND 203 Intermediate Composition and
Conversation**Music**

MUSIC 101 The Art of Music

MUSIC 105 Introduction to Music Theory

MUSIC 120 Learning Music through Digital
Technology

MUSIC 331 Sage Chapel Choir

Natural Resources

NTRES 201 Environmental Conservation

NTRES 215 Environmental Disruption and
Regulation

NTRES 230 Environment and Society

NTRES 306 Coastal and Oceanic Law and Policy

NTRES 417 Wetlands Resources

Near Eastern Studies

NES 103 Elementary Modern Hebrew

NES 104 Continuing Modern Hebrew

NES 119 Elementary Arabic

NES 223 Introduction to the Bible

NES 309 Advanced Modern Hebrew

Nutritional Sciences

NS 660 Special Topics in Nutrition

Operations Research and Industrial Engineering

OR&IE 260 Introductory Engineering Probability

OR&IE 270 Basic Engineering Probability and
Statistics

OR&IE 622 Operations Research I

Philosophy

PHIL 101 Introduction to Philosophy

PHIL 145 Contemporary Moral Issues

PHIL 212 Modern Philosophy

PHIL 231 Introduction to Formal Logic

PHIL 245 Ethics and Health Care

Physical EducationConsult the Physical Education Office for a
complete list of summer offerings for credit
and recreation.**Physics**

PHYS 101-102 General Physics

PHYS 112 Physics I: Mechanics and Heat

PHYS 202 The World According to Physics—the
Way Things Work

PHYS 213 Physics II: Electricity and Magnetism

PHYS 214 Physics III: Optics, Waves, and
Particles

PHYS 400 Informal Advanced Laboratory

PHYS 500 Informal Graduate Laboratory

PHYS 510 Advanced Experimental Physics

PHYS 520 Projects in Experimental Physics

PsychologyPSYCH 101 Introduction to Psychology: The
Frontiers of Psychological Inquiry

PSYCH 123 Introduction to Biopsychology

PSYCH 128 Introduction to Psychology:
Personality and Social Behavior

PSYCH 205 Perception

PSYCH 280 Introduction to Social Psychology

PSYCH 283 Groups and Relationships

PSYCH 311 Introduction to Human Learning and
Memory

PSYCH 350 Statistics and Research Design

PSYCH 380 Community Mental Health

Rural SociologyR SOC 100 American Indian Studies: An
Introduction

R SOC 101 Introductory Sociology

R SOC 324 Environment and Society

R SOC 437 Aging: Issues and Social Policy in the
1990s

R SOC 494 Special Topics

Sociology

SOC 101 Introduction to Sociology

SOC 283 Groups and Relationships

Statistics and Biometry

STATS 601 Statistical Methods I

Theatre Arts

THETR 211 Dance Composition Workshop

THETR 223 The Comic Theatre

THETR 254 Theatrical Makeup Studio

THETR 274 Introduction to Film Analysis:
Meaning and Value

THETR 277 Video Production I

THETR 287 Summer Acting Workshop

THETR 362 Lighting Design Studio I: Lighting in
the Performing Arts**Theoretical and Applied Mechanics**

T&AM 202 Mechanics of Solids

T&AM 203 Dynamics

T&AM 310 Advanced Engineering Analysis I

Writing

WRIT 137 Writing Workshop