

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 B12 Ives Hall, Ithaca, New York 14853-3901; fax: 607/255-9697; or call 607/255-4987, 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 PROGRAMS

Special programs are intensive learning experiences presented year round for professionals in many fields and for undergraduate and graduate students. The varying formats include credit-bearing courses of one to six weeks, noncredit weekend and week-long short courses, on-site fieldwork, and overseas study, among others. 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.

CORNELL UNIVERSITY SUMMER COLLEGE

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

The extensive credit-course offerings of the university are available to area residents on a part-time basis through the Extramural Study Office. Those interested may apply for admission to practically any course in the university and will be admitted if they receive the instructor's written approval. A **Visitor's Program** is also offered. It allows persons to attend classes in many divisions of the university on a space-available basis at a reduced charge. Visitors are required to obtain written permission of the instructor. In this program no credit is given and no record is kept of attendance or performance.

WINTER SESSION

Winter Session provides an opportunity to earn three to four credits between the fall and spring semesters. This quiet time on campus allows students to enjoy classes that are generally smaller and to concentrate on intensive study. Students may enroll in scheduled courses or design an independent study with a faculty member.

CONTINUING EDUCATION INFORMATION SERVICE

This service provides free information, counseling, and referral to women and men who have been out of school for several years and want to resume their education.

EXTENDED EDUCATION INFORMATION SERVICE

This service provides information to people inside and outside Cornell about extended education opportunities offered by the university. These 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, or fax 607/255-8942.

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.

Africana Studies

AS&RC 100 Afro-American Expressive Writing

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

Agricultural Economics

AG EC 310 Introductory Statistics

AG EC 320 Business Law

Anthropology

ANTHR 101-102 Introduction to Anthropology

Archaeology

ARKEO 100 Introduction to Archaeology

ARKEO 360 Field Archaeology in Greece

ARKEO 361 Summer Program in Etruscan Archaeology at La Piana

Other field study opportunities are usually available through this department.

Architecture

ARCH 125 Introductory Architecture Studio

ARCH 131 Introduction to Architecture

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 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 261 Photography II

ART 263 Color Photography

ART 264 Photo Processes

- ART 321 Painting III
 ART 361 Photography III
 ART 372 Special Topics in Art Studio
 ART 379 Independent Studio

Astronomy

- ASTRO 105 An Introduction to the Universe
 ASTRO 106 Essential Ideas in Relativity and Cosmology

Biological Sciences

- BIO S 107-108 General Biology
 BIO S 200 Special Studies in Biology
 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 281 Genetics
 BIO S 290-291 General Microbiology
 BIO S 322 Hormones and Behaviors
 BIO S 331 Principles of Biochemistry, Lectures
 BIO S 364 Field Marine Science
 BIO S 407 Advanced Laboratory Techniques
 BIO S 601 Evolution, Ecology, and Behavior for Teachers
 BIO S 602 Molecular Biology for Teachers

Chemistry

- CHEM 103-104 Introduction to Chemistry
 CHEM 207-208 General Chemistry
 CHEM 251-252 Introduction to 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

Classics

Greek

- CLASS 104 Intensive Greek

Latin

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

Classical Civilization

- CLASS 109 The Art of Argument: An Introduction to Rhetoric
 CLASS 113 Word Power: Greek and Latin Elements in the English Language
 CLASS 118 Writing and Reasoning about Modern Moral Questions
 CLASS 123 Comedy

- CLASS 128 God
 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 150 Writing for Media
 COMM 201 Oral Communication
 COMM 203 Argumentation and Debate
 COMM 204 Effective Listening
 COMM 216 Communicating Interpersonally
 COMM 250 Newswriting for Newspapers
 COMM 272 Principles of Public Relations and Advertising
 COMM 301 Business and Professional Speaking
 COMM 342 Electronic Media
 COMM 363 Organizational Writing
 COMM 365/665 Scientific Writing
 COMM 410 Organizational Communication
 COMM 460-461 Video Communication

Comparative Literature

- COM L 116 Great Short Masterpieces
 COM L 155 Great Books in Western Literature
 COM L 236 Greek Mythology

Computer Science

- 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 314 Introduction to Computer Systems and Organization
 COM S 410 Data Structures

Economics

- ECON 101 Introductory Microeconomics
 ECON 102 Introductory Macroeconomics
 ECON 105 Principles of Accounting
 ECON 205 Managerial Accounting for Planning and Control
 ECON 208 An Introduction to Environmental Policy
 ECON 313 Intermediate Microeconomic Theory
 ECON 314 Intermediate Macroeconomic Theory
 ECON 319 Introduction to Statistics and Probability
 ECON 321 Applied Econometrics
 ECON 331 Money and Credit

- ECON 336 Public Finance: Resource Allocation and Fiscal Policy

- ECON 361/561 International Trade Theory and Policy

- ECON 362/562 International Monetary Theory and Policy

Education

- EDUC 311 Educational Psychology
 EDUC 420 Field Experience
 EDUC 497 Informal Study
 EDUC 501 Communication for Educators
 EDUC 513 Psychology of Human Interaction
 EDUC 590 Special Topics in Education
 EDUC 621-622 Internship in Education
 EDUC 730 Seminar in Agricultural, Extension, and Adult Education
 EDUC 744 Seminar in College Teaching
 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 222 Introduction to Scientific Computation
 ENGR 260 Introductory Engineering Probability
 ENGR 293-294 Engineering Mathematics with Microcomputers

English

- ENGL 109 The Art of Argument: An Introduction to Rhetoric
 ENGL 131 Critical Reading and Writing
 ENGL 132 The Personal Essay
 ENGL 133 Literature and Writing
 ENGL 137 Writing Workshop
 ENGL 211 Fantasy and Horror
 ENGL 227 Shakespeare
 ENGL 270 The Reading of Fiction
 ENGL 280 Creative Writing
 ENGL 288-289 Expository Writing
 ENGL 319 Chaucer
 ENGL 327 Shakespeare
 ENGL 340 The English Romantics
 ENGL 470 Studies in the Novel
 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

Center for the Environment

NTRES 201 Environmental Conservation

Floriculture and Ornamental Horticulture

FRDR 210 Architectural Sketching in Watercolor

Geological Sciences

GEOL 101 Introductory Geological Science

GEOL 102 Evolution of the Earth and Life

GEOL 401 Summer Field Geology in Central Colorado

Government

GOVT 100.1 Historical Voices of the United States

GOVT 100.2 Race, Education, and Politics

GOVT 111 The Government of the United States

GOVT 131 Introduction to Comparative Government and Politics

GOVT 161 Introduction to Political Theory

GOVT 181 Introduction to International Relations

GOVT 311 Urban Politics

GOVT 316 The American Presidency

GOVT 328 Constitutional Politics: The United States Supreme Court

GOVT 342 The New Europe

History

HIST 101-102 Introduction to American History

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

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 174 Microcomputing

H ADM 350/651 Principles of Real Estate

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

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 Relations Law and Legislation

ILRCB 484/784 Employment Discrimination and the Law

ILRCB 608 Special Topics

Economic and Social Statistics

ILRST 210-211 Statistical Reasoning

ILRST 510-511 Introductory Statistics for the Social Sciences

Organizational Behavior

ILROB 121/520 Introduction to Microorganizational Behavior and Analysis

ILROB 371 Individual Differences and Organizational Behavior

ILROB 627 Leadership in Organizations

Personnel and Human Resource Studies

ILRPR 266 Personal Computer Basics

ILRPR 362 Career Development: Theory and Practice

Jewish Studies

JWST 103 Elementary Modern Hebrew

JWST 223 Introduction to the Bible

Landscape Architecture

LARCH 400 AutoCAD/LANDCAD

Marine Science

Consult the Shoals Marine Laboratory section for a complete list of summer offerings in marine science.

Mathematics

MATH 101 History of Mathematics

MATH 105 Finite Mathematics

MATH 109 Precalculus Mathematics

MATH 111-112 Calculus

MATH 123 Analytic Geometry and Calculus

MATH 192 Calculus for Engineers

MATH 200 Basic Concepts of Mathematics

MATH 221 Linear Algebra and Calculus

MATH 222 Calculus

MATH 231 Linear Algebra

MATH 293/294 Engineering Mathematics with Microcomputers

MATH 421-422 Applicable Mathematics

MATH 431 Introduction to Algebra

Modern Languages and Linguistics**Chinese**

CHIN 160 Introductory Intensive Chinese (Mandarin)

CHIN 201-202 Intermediate Chinese

Dutch

DUTCH 121-122 Dutch Elementary Course

French

FRDML 101 French Basic Course I

FRDML 123 Continuing French

FRDML 203-204 Intermediate Composition and Conversation

German

GERLA 121-122 Elementary German

GERLA 631-632 Elementary Reading Course

Italian

ITALA 101 Italian Basic Course I

Japanese

JAPAN 160 Introductory Intensive Japanese

JAPAN 203-204 Intermediate Japanese

JAPAN 403 Teaching of Japanese as a Foreign Language

Linguistics

LING 101 Theory and Practice of Linguistics

Nepali

NEPAL 160 Intensive Nepali

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

Natural Resources

NTRES 201 Environmental Conservation

NTRES 215 Environmental Disruption and Regulation

NTRES 218 Science and Politics at Toxic-Waste Sites

NTRES 409 Resource Management in the Yellowstone Ecosystem

Near Eastern Studies

NES 103 Elementary Modern Hebrew

NES 119 Elementary Arabic

NES 219 Intermediate Arabic

NES 223 Introduction to the Bible

NES 295 Modern History of the Middle East

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 Education

Consult 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 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

Psychology

PSYCH 101 Introduction to Psychology: The Frontiers of Psychological Inquiry

PSYCH 128 Introduction to Psychology: Personality and Social Behavior

PSYCH 199 Sports Psychology

PSYCH 265 Psychology and Law

PSYCH 280 Introduction to Social Psychology

PSYCH 283 Groups and Relationships

PSYCH 322 Hormones and Behavior

PSYCH 325 Introductory Psychopathology

PSYCH 350 Statistics and Research Design

PSYCH 380 Community Mental Health

Religious Studies

RELST 223 Introduction to the Bible

Romance Studies

FRLIT 201 Introduction to French Literature

Rural Sociology

R SOC 101 Introductory Sociology

R SOC 437 Aging: Issues in the 1990s

Sociology

SOC 101 Introduction to Sociology

SOC 103 Introduction to Sociology: Microsociology

SOC 243 Family

SOC 283 Groups and Relationships

Textiles and Apparel

TXA 114 Introduction to Computer-Aided Design

Theatre Arts

THETR 211 Dance Composition Workshop

THETR 252 Technical Production Studio I

THETR 254 Theatrical Makeup Studio

THETR 282 Introduction to Voice and Speech for Performance

THETR 285 Creativity and the Actor

THETR 287 Summer Acting Workshop

THETR 343 Costume History: From Fig Leaf to Vanity

THETR 354 Stagecraft Studio

THETR 356 Costume Construction Studio

THETR 362 Lighting Design Studio I

THETR 475-476 Seminar in the Cinema

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