## A

Absence, leave of, 5. See also individual schools and colleges
Absences from class, 14
Academic calendar, inside back cover
arts and sciences calendar supplement, 464
Academic honors. See Honors under individual schools and colleges, departments, and special programs
Academic integrity, 7
Acting, 686
Add/drop/change period and fee, 13
Adding courses. See individual schools and colleges

Administration. See individual schools and colleges
university, inside front cover
Adult education, 51, 220
Advanced placement, 8-12. See also individual schools and colleges
Advising. See individual schools and colleges

Aerospace engineering, 246, 293
Aerospace studies (ROTC), 431
African Development, Institute for, 20
Africana Studies and Research Center, 464

Agricultural Experiment Station, 33
Agricultural sciences, 46
Agriculture
education, 52, 98
international, 54, 113
Agriculture and Life Sciences, College of, 32

Academic Achievement and Petitions, Committee on, 45
academic deficiency, 45
academic honors, 45
academic integrity policy, 45
academic policies and procedures, 44
admission, 33
advising, 32
Albany Programs, 40
Career Development, Office of, 33
Cornell in Washington, 40
Counseling and Advising office, 32
course changes (add/drop/change), 44 course enrollment, 44
courses, descriptions of, 60
degree programs, 33
exemption from requirements, 46
facilities, 33
faculty, 128
graduation requirements, 41
internships, 40
major fields of study, 46
Multicultural and Diversity Programs
(Office of), 32
nondepartmental courses, 60
off-campus opportunities, 40
overseas academic programs, 41
petitions procedures, 46
registration, 44
requirements for graduation, 41
research honors program, 35
SEA Semester, 40
Shoals Marine Laboratory, 40
special students, 33
student services, 32
transfer, 33
withdrawal, 46
Air Force ROTC, 431
Albany Programs, 40, 333
American Indian studies, 61
American studies, 470
Andrew D. White Professors-at-Large, 18
Animal physiology, 176, 182
Animal sciences, 36, 46, 70
Animals, use of for courses, 7
Anthropology, 476

Apparel design, 329
Applied and engineering physics, 262
Applied economics and management, 47, 63
Applied mathematics, 246
Applied Mathematics, Center for, 19, 514
Arabic, 634
intensive, 635
Archaeology, 485
Architecture, 136
alternative programs, 139
curriculum, 137
dual-degree options, 139
professional degree programs, 136
Rome program, 137
summer term in, 140
thesis requirement, 138
transfer students, 135
Architecture, Art, and Planning, College of, 132
academic policies, 133
advisors, 132
architecture, 136
art, 148
city and regional planning, 157
degree programs, 132
facilities, 132
faculty, 166
landscape architecture, 166
libraries, 132
museums and galleries, 132
Rome Program, 132, 137, 149, 158
scholastic standards, 133
student work, 133
Army ROTC program, 428
Art, 148
concentration, 148
courses, 151
curriculum, 148
master of fine arts program, 151
Rome Program, 149
studio practices, 148
undergraduate program, 148
Art history, 592
Arts and Sciences, College of, 452
academic actions, 463
academic integrity, 460
academic options, 458
academic standing, 462
acceleration, 456
adding and dropping courses, 462
administration, 452
advanced placement, 452-456
advising, 461
breadth requirements, 455
calendar, 464
college requirements, 452-456
College Scholar Program, 458, 532
Cornell in Washington, 460
course(s)
noncredit, 457
repeating of, 458
dean's list, 462
distinction (honors), 464
distribution requirements, 454
double majors, 456
double registration, 459
dual-degree programs, 458
electives, 456
enrollment, 461
faculty, 700
faculty advisors, 461
FALCON, 459, 488, 495, 497
fieldwork, 459-460. See also individual departments and special programs
foreign language requirement, 452
forgery on forms, 460
grades, 462
graduation requirements, 452
honors, 464. See also individual departments and special programs
incomplete, grade of, 462
Independent Major Program, 458, 598
independent study, 459
internal transfer, 463
language
course placement and credit, 452454
requirement, 452
study, 452
leaves of absence, 463
limits on courses and credits, 461
off-campus programs, 459
prelaw study, 31, 459
premedical study, 31, 459
registration, 461
requirements, 452
residence, 456
R grades, 462
special programs, 458
student advisors, 461
study abroad, 459
S-U grades, 462
summer session credit, 458
Teacher Education Program, 459
transferring credit, 458
transfer within Cornell, 463
Undergraduate Research Program, 459
withdrawal, 463
Asian American Studies Program, 501
Asian studies, 487
general education courses, 489
languages. See specific language
literature and linguistics, 489
minors, 488
study abroad, 488
Astronomy, 502
Athletics and physical education, 168
courses, 168
requirement, 17
swim test, 17
Atmospheric sciences, earth and, 47, 91, 281, 541

Attendance, class, 14. See also individual schools and colleges
Auditing courses, 13. See also individual schools and colleges

## B

Bengali, 494
Billing and payment information, 6
Biochemistry, program in, 176
Biological engineering, 235, 247
Biological and environmental
engineering, 47, 74, 235, 247, 264
Biological sciences, 47, 175, 506
advising, 180
curriculum committee, 180
faculty, 206
general courses, 181
honors program, 36, 180
independent research, 180
major, 175
requirements, 176
sections
animal physiology, 182
ecology and evolutionary biology, 184
general courses, 181
marine science courses, 201
medical science, 194
microbiology, 191
molecular biology and genetics, 187
neurobiology and behavior, 194
plant biology, 198
SEA Semester, 205
Shoals Marine Laboratory, 202
use of animals, 175
Biology \& society major, 48, 331, 507
Biomedical engineering, 247, 255, 265
Biometry and statistics, 49, 78
Bosnian-Croatian-Serbian, 671
Botany. See Plant biology
Burmese, 494
Bursar information, 5
Business and preprofessional study, 30

## C

Calendar
arts and sciences, 464
Cornell academic, inside back cover
Cambodian (Khmer), 498
Campus Code of Conduct, 5
Capital Semester, 333
Center for Applied Mathematics, 19, 514

Center for International Studies, the Mario Einaudi, 20

Certification, teacher, 51, 330
Chemical and biomolecular engineering, 268

Chemical engineering, 236, 255
Chemistry and Chemical Biology, department of, 514
courses, 515
laboratory course regulations, 515
program for science teachers, 515
China and Asia-Pacific Studies, 520
Chinese, 494
City and regional planning, 157
courses, 161
degree options, 159
degree requirements, 158
graduate program, 159
off-campus opportunities, 159
Program in Urban and Regional Studies, 157

Civil engineering, 237
Civil and environmental engineering, 255, 270

Civil infrastructure, 248
Class meeting times, 14
Classics, department of, 521
Code of Academic Integrity, 7
Cognitive science program, 21
College Entrance Examination Board (CEEB), 8

College Scholar Program, 458, 532
Communication, 49, 80
Comparative Economic Development, Program on, 20

Comparative literature, 532

Computational biology, 176, 209
Computational science and engineering, 209

Computer science, 209, 211, 237, 249, 279, 536

Computing and Information Science (CIS), 209
engineering statistics, 249
courses, 210
Computing in the Arts, 209, 539
Concentrations. See individual schools and colleges, departments, and programs

Continuing education, 220
Continuing Education Information Service, 220

Cornell Abroad, 21. See also individual schools and colleges

Cornell's Adult University (CAU), 220
Cornell Advanced Standing Examination (CASE), 9-10, 453

Cornell Institute for Public Affairs, 24
Cornell in Washington, 23, 220. See also individual schools and colleges
Cornell Medical College, 5
Cornell Plantations, 25
Course(s). See also Registration, individual schools and colleges
add/drop/change period, 13
enrollment, 12
extramural, 220
final examinations, 15
information, 13
numbering system, 13
subject codes, 13
Credit
advanced placement, 8-12. See also individual schools and colleges
transfer of. See individual schools and colleges
Crop and soil sciences, 50, 84
Curriculum. See individual schools and colleges

CyberTower, 220
Czech language, 671

## D

Dance, 692
Degree programs. See individual schools and colleges

## Design

apparel, 329
architectural, 141
interior, 328
theatre, 687
Design and environmental analysis, 328, 346

Development sociology, 50, 88
Directing, theatre, 686
Distance learning, 220
Distribution requirement. See individual schools and colleges

Drama. See Theatre
Drawing, 152
Dropping courses, 13. See also individual schools and colleges
Dual-degree programs. See individual schools and colleges
Dutch, 571

## E

East Asia Program, 18
East Asia Studies Minor, 488
Earth and atmospheric sciences, 47, 91, 281, 541

Ecology and evolutionary biology, 177, 184

Economics, department of (Arts and Sciences), 548
Education, 51, 98
Einaudi, Mario, Center for International Studies, 20

Electrical and computer engineering, 238, 249, 284
Empire State students, 328
Engineering, College of, 227
academic standing, 234
advanced placement, 233
advising, 230
affiliation with a major, 230
career services, 232
common courses, 258
Communications Program, 231, 258
Cooperative Education, 232
cooperative program with the Johnson Graduate School of Management, 232, 254
degree programs, 228, 253
distribution courses, 229, 258
diversity programs, 231
double major, 231
dual-degree program, 231
facilities, 227
faculty, 305
honors program, 235
independent major, 231, 241
international programs, 232
introduction to engineering courses, 260
leave of absence, 234
Lester Knight Scholarship Program, 232, 254
liberal studies distribution, 229
majors, 235
master of engineering degrees, 253
minors, 231, 245
requirements for graduation, 228
residence requirements, 234
special programs, 227, 231
S-U grades, 234
technical writing, 229
transfer credit, 233
withdrawal, 235
Engineering management, 249, 256
Engineering mechanics, 256
Engineering physics, 238, 256, 262
English
department of, 553
First-Year Writing Seminars, 553
Enrollment. See also Registration, individual schools and colleges
course, 12
Entomology, 36, 52, 101
Environmental engineering, 240, 250, 270
Environmental toxicology, 104
Ethics and Public Life (Program on), 28

European Studies, 18

## Examinations

advanced placement, 8-12
College Entrance Examination Board (CEEB), 8

Cornell Advanced Standing Examination (CASE), 9-10, 453
departmental advanced standing, 8
evening, 15
final, 15
Exchange programs. See individual schools and colleges

Extension education, 51
Extramural study, 220

## F

Facilities. See individual schools and colleges

Facility planning and management, 328
Faculty roster. See individual schools and colleges

FALCON (intensive language program), 459, 488, 495, 497

Fashion design, 329
Fees and expenses
to add/drop/change courses, 13
billing and payment, 6
late course enrollment, 13
refund policies, 6
tuition, 5
Feminist, Gender \& Sexuality Studies, 563
Fiber science, 329, 332
Fiber science and apparel design, 329, 351

Fieldwork. See individual schools and colleges, departments, and special programs
Film studies, 689
Final examinations, 15
Finance, accounting, and real estate, 322
First-Year Writing Seminars, 605. See also individual schools and colleges

Food and Nutrition Policy, Cornell Program in, 20
Food science, 52, 104
Foreign language requirement. See individual schools and colleges, departments, and special programs

Foreign languages. See specific language
Frank H. T. Rhodes professorship, 19
French
language, 659
literature, 659
Freshman writing seminars. See individual schools and colleges. See also First-Year Writing Seminars

## G

Geological sciences, 256, 541
German studies, department of, 566
Gerontology minor, 332
Government, department of, 572
Grade(s), 15-16. See also individual schools and colleges
Graduate School, 310
Graduation, requirements for, 16. See also individual schools and colleges

Greek, 524

## H

Health insurance services, 6
Hebrew, 603, 635
Hindi, 496
Hindi-Urdu, 636
Hispanic American Studies Program. See Latino Studies Program

History, department of, 580
History of Art, department of, 592
Ho-Nun-De-Kah, 45
Honors. See individual schools and colleges, departments, and special programs

Horticulture, 108
Hospitality facilities and operations, 316
Hotel Administration, School of, 311
curriculum, 311, 313
facilities, 311
faculty, 326
foreign languages, 312
grading system, 313
independent study, 312
management-intern program, 312
practice credit requirement, 312
requirements for graduation, 311 study abroad, 312

Human Biology, Health, and Society Program, 329, 420

Human Biology Program, 596
Human development, 329, 353
Human Ecology, College of, 327
advising, 334
career planning, 335
course enrollment, 338, 339
course loads, 339
degree programs, 327
double-registration programs, 334
elective credits, 337
Empire State students, 328
facilities, 327
faculty, 365
field study, 332
foreign language study and placement, 338
grades, 341
graduation requirements, 336
honors, 332
in absentia study, 340
interdepartmental major, 331
international study, 331
leave of absence, 341
majors, 328
mature students, 327
multicultural programs, 335
off-campus programs, 331, 333
petition process, 340
registration, 338
study abroad, 331
transfer students, 327
Undergraduate Affairs, 327
Urban Semester Program, 333, 346
withdrawal, 341
Human factors and ergonomics, 328
Human participants in research, 7
Human resource studies, 366, 374
Humanities, Society for the, 677
Hungarian, 671

## I <br> ILR School. See Industrial and Labor Relations, School of

In absentia fees, 6
In absentia study. See individual schools and colleges
Incomplete, grade of, 16. See also individual schools and colleges

Independent Major Program (arts and sciences), 458, 598

Independent study. See individual schools and colleges, departments, and special programs
Indonesian, 497
Industrial and Labor Relations, School of, 366
academic standing, 368
advising, 367
dean's list, 368
degree programs, 366
elective courses, 367
faculty, 386
grades, 368
graduation requirements, 369
honors program, 369
in absentia study, 367
interdepartmental courses, 381
internships, 368, 369
leave of absence, 367
multicultural programs, 367
required courses, 367
scheduling and attendance, 368
special academic programs, 368
student services, 366
study abroad, 369
study options, 367
withdrawal, 367
Industrial systems and information technology, 250

Inequality, Center for Study of, 20, 598
Inequality minor, 598
Information engineering, 299
Information science, 52, 112, 209, 216, 289, 601

Information science, systems, and technology, 241, 289

Insurance, 6
Interior design, 328
Interdisciplinary centers, programs, and studies, 18

Internal Transfer, Office of, 17
International agriculture and rural development, 54, 113
International and comparative labor, 366, 379

International Political Economy Program, 20

International relations minor, 26
International Studies, Mario Einaudi Center for, 20

International Studies in Planning Program, 20

Internships. See individual schools and colleges

Introduction to engineering courses, 260
Italian
literature and culture, 662
studies, 662
Ithaca College Exchange Program, 41

## J

Japanese, 497
Jewish studies program, 603
John S. Knight Institute for Writing in the Disciplines, 605

Johnson Graduate School of Management, 388

## K

Khmer (Cambodian), 498
Knight (John S.) Institute for Writing in the Disciplines, 605

Korean, 499

## L

Labor
economics, 366, 381
history, 366, 369
law, 366, 369
relations, 366, 369
Laboratory course regulations, 515
Landscape architecture, 54, 115, 166

Language
course placement and credit (arts and sciences), 452-454
placement, 9, 452-454
requirement, 452. See individual schools and colleges, departments, and programs

Latin, 525
Latin American Studies Program, 27, 607
Latino Studies Program, 608
Law and Society, 610
Law School, 404
Leave of absence, 5. See also individual schools and colleges

Lesbian, Bisexual, and Gay Studies, 610
Linguistics, 611

## M

Management, Johnson Graduate School of, 388

Marine corps options (Navy ROTC), 430
Marine science, 201
Mario Einaudi Center, 20
Marketing, tourism, strategy, and information systems, 320

Materials science and engineering, 242, 251, 257, 290

Mathematics
applied, 246
Center for Applied, 19, 514
department of, 615
Mechanical and aerospace engineering, 293

Mechanical engineering, 242, 252, 257
Mechanics, theoretical and applied, 304
Medical College, 5
Medical insurance, 6
Medicine, veterinary, 434
Medieval studies, 624
Microbiology, 178, 191
Military science, 428
Molecular and cell biology, 178
Museum of Art, Herbert F. Johnson, 132
Museums and galleries, 132
Music, department of, 626

## N

Natural resources, 37, 55, 118
Naval science, 429
Navy ROTC program, 429
Near Eastern Studies, department of, 633
Nepali, 499
Neurobiology and behavior, 179, 194
Nuclear science and engineering, 298
Nutritional sciences, 38, 56, 330, 420
Nutritional Sciences, Division of, 420
career options, 421
courses, 422
facilities, 420
faculty, 427
graduate programs, 422
honors program, 421
undergraduate programs, 420, 421

## 0

Officer education (ROTC), 428
Operations research and engineering, 243
Operations research and information engineering, 257, 299

Operations research and management science, 252

Organizational behavior, 366, 383
Organizational management,
communication, and law, 314
Outdoor education program, 171

## P

Painting, 154
Pali, 500
Payment of bills, 6
Peace Studies Program, 20
Persian, 636
Philosophy, department of, 640
Photography, 154
Physical education, 168
Physical sciences, 38
Physics
engineering, 238, 256, 262
department of, 642

Placement examinations, 8-12
Planning, city and regional, 157
Plant biology, 57, 179, 198
Plant breeding and genetics, 57, 122
Plant pathology and plant-microbe biology, 58, 124

Plant sciences, 39, 57
Plantations, Cornell, 25
Playwriting, 687
Policy analysis and management, 331, 359

Polish, 671
Political science. See Government
Population and Development Program, 20
Portuguese, 664
Prelaw study, 31, 459
Preliminary examinations, 15
Premedical study, 31, 459
Preveterinary study, 31
Print media, 150
Privacy of records, 6
Psychology, department of, 649
Public Affairs, Cornell Institute for, 24

## R

Real Estate, program in, 28
Records, 6
Refund policies, 6
Registration, 5. See also individual schools and colleges
add/drop/change period, 13
course enrollment, 12
fees, 5
leaves and withdrawals, 5
Religious studies, 656
Requirements for graduation, 16
Reserve Officer Training Corps (ROTC), 428

Residence requirements. See individual schools and colleges

Rhodes, Frank H. T., professorship, 19
Romance languages. See individual languages

Romance studies, department of, 658
Rome Program, 132, 137, 149, 158

ROTC (officer education), 428
Russian
language, 668
literature, 669

## S

Sanskrit, 500
Science and technology studies, 671
Science of Earth Systems (SES), 28, 58, 244, 541

Science of Natural and Environmental Systems, 59

Sculpture, 155
SEA Semester, 40, 205
SES (Science of Earth Systems), 28, 58, 244, 541
Shoals Marine Laboratory, 40, 202
Sinhala (Sinhalese), 500
Social sciences, 39
Social statistics, 366, 385
Society for the Humanities, 677
Sociology, department of, 678
Soil science, 50, 87
South Asia Program, 29
South Asia Studies Minor, 488
Southeast Asia Program, 30
Southeast Asia Studies Minor, 488
Spanish
language, 665
literature, 665
major, 665
Stage management, 688
Statistical Science, department of, 217
Statistics major (arts and sciences), 683
Student records policy, 6
Study abroad, 21. See also individual schools and colleges
Subject codes, course, 13-14
S-U grades, 16
Summer session, 220
courses, 222
Swedish, 571
Systems engineering, 303

## T

Tagalog, 500
Teacher certification, 51, 330
Teacher education, 459
in mathematics, 617
Test(s)
advanced placement, 8-12
language placement, 12, 452-454
Thai, 501
Theatre, film, and dance, 682
Theoretical and applied mechanics, 304
Toxicology, environmental, 104
Transcripts, 16
Transfer, internal, 17
Tuition billing and payment information, 6

Turkish, 636

## $\mathbf{U}$

Ukrainian, 671
Undergraduate admissions, 5
Undergraduate Research Program, 459
Urban and regional studies, 157
Urban Semester Program, 333, 346
Urdu, 501

## V

Veterinary Medicine, College of, 434
Vietnamese, 501
Visual studies, 698
Viticulture and Enology, 59, 127

## W

Wells College Exchange Program, 41
White (Andrew D.) Professors-at-Large, 18

Winter session, 221
Withdrawal, 5. See also individual schools and colleges
Women's studies (now Feminist, Gender E Sexuality Studies), 563

## Writing

Engineering Communications Program, 231, 258

First-Year Writing Seminars, 605
Institute, John S. Knight, 605
teaching, 606
workshop, 606

## Cornell University Calendar

Fall Semester
Course add/drop begins $\dagger$
Online registration verification $\dagger$
Residence halls open
New undergraduate student check-in
New student orientation begins
New graduate student registration
Instruction begins
Fall break: instruction suspended Instruction resumes

Homecoming
First-Year Parents Weekend
Thanksgiving recess:
instruction suspended, 1:10 P.M.
Instruction resumes
Instruction ends
Study period
Final examination period*

Residence halls close

## Winter Session Period Begins

Three-week classes begin
Winter session period ends

## Spring Semester

Online registration verification $\dagger$
Course add/drop begins $\dagger$
Residence halls open
Instruction begins
Spring break: instruction suspended
Instruction resumes
Instruction ends
Study period
Final examination period*
Residence halls close (students who are graduating may stay through Commencement Day)
Senior Week
Commencement

## Summer Session

Three-week session. registration/classes begin
Eight-week session. registration/classes begin
Six-week session. registration/classes begin

## 2010-2011

Monday, August 9
Monday, August 16
Friday, August 20
Friday, August 20
Friday, August 20
Monday, August 23
Thursday, August 26
Saturday, October 9
Wednesday, October 13
Saturday, September 25
Friday-Sunday, October 22-24
Wednesday, November 24
Monday, November 29
Saturday, December 4
Sunday-Wednesday, December 5-8
Wednesday, December 8-Friday,
December 17
Saturday, December 18
Monday, December 27
Monday, January 3
Friday, January 21

Monday, January 17
Monday, January 17
Monday, January 17
Monday, January 24
Saturday, March 19
Monday, March 28
Saturday, May 7
Sunday-Wednesday, May 8-11
Wednesday, May 11-Friday, May 20

Saturday, May 21
Sunday-Saturday, May 22-28
Sunday, May 29

Wednesday, June 1
Monday, June 13
Monday, June 27

## 2011-2012

Monday, August 8
Monday, August 15
Friday, August 19
Friday, August 19
Friday, August 19
Monday, August 22
Wednesday, August 24
Saturday, October 8
Wednesday, October 12
Saturday, September 17
Friday-Sunday, October 28-30

Wednesday, November 23
Monday, November 28
Saturday, December 3
Sunday-Wednesday, December 4-7
Wednesday, December 7-Friday,
December 16
Saturday, December 17
Monday, December 26
Monday, January 2
Friday, January 20

Monday, January 16
Monday, January 16
Monday, January 16
Monday, January 23
Saturday, March 17
Monday, March 26
Saturday, May 5
Sunday-Wednesday, May 6-9
Wednesday, May 9-Friday, May 18

Saturday, May 19
Sunday-Saturday, May 20-26
Sunday, May 28

Wednesday, May 30
Monday, June 11
Monday, June 25

[^0]THUMB INDEX:
use marks on book edge

## Agriculture and

Life Sciences

Architecture,
Art, and Planning
Athletics and
Physical Education
Biological
Sciences

Computing and
Information Science (CIS)

Continuing Education and Summer Sessions

Engineering

Graduate School

Hotel School

Human Ecology

Industrial and
Labor Relations

Johnson Graduate School of Management

Law School

Nutritional
Sciences

## Officer

Education

Veterinary
Medicine

Arts and
Sciences

CORNELL UNIVERSITY
USPS 132-860
OFFICE OF THE UNIVERSITY REGISTRAR
B07 DAY HALL
ITHACA, NY 14853-2801


[^0]:    *Exams begin Wednesday at 7:00 p.m.
    †Access via Student Center (studentcentr.cornell.edu)
    The dates shown in this calendar are subject to change at any time by official action of Cornell University.
    In this calendar, the university has scheduled classes, laboratories, and examinations on religious holidays. It is the intent of the university that students who miss those activities because of religious observances be given adequate opportunity to make up the missed work.

    The Law School and College of Veterinary Medicine calendars differ in a number of ways from the university calendar. Please consult the catalogs of those colleges for details.
    The courses and curricula described in this catalog, and the teaching personnel listed herein, are subject to change at any time by official action of Cornell University.
    The rules and regulations stated in this catalog are for information only and in no way constitute a contract between the student and Cornell University. The university reserves the right to change any regulation or requirement at any time.
    This catalog was produced by the Office of Publications and Marketing at Cornell University.

