

**OFFICIAL LIST OF
COLLEGES, DEPARTMENTS, MAJORS, MINORS, AND DEGREES**

(Includes Concentrations, Options, and Interdisciplinary Studies Programs)

Effective Fall Semester 2004

Prepared by

Curriculum and Catalog Administration

Provost/Academic Vice President's Office

DISTRIBUTION: January 2005

President Larry Edward Penley
Provost/Academic Vice President Peter J. Nicholls
Vice Provost for Faculty Affairs Tom Gorell
Vice Provost for Undergraduate Studies Kevin Oltjenbruns
Admissions:
 Larry Belasco
 Sandy Swaim
 Tillie Trujillo
ASCSU
Board of Governors: Jane Branigan
Budgets/Institutional Analysis:
 Chris Maldonado
 Ming Zhang
The Career Center:
 Ann Malen
 Connie Ortega
Center for Advising and Student Achievement:
 Gaye DiGregorio
 Linda Stoddard

Deans and Department Heads/Chairs
Faculty Council: C. W. Miller
Graduate School:
 Cindy Befus
 Amelia Rivera
Honors Program: Louise Breyer
Registrar's Office:
 Jeanne Breiner
 Patricia Brown
 Sharon Foreman
 Sherry Jaspers
 Shelly Loomis
 Loree Morse
 Nolan Oltjenbruns
 Leola Rouse
Student Systems: Jerry Greenwell

TABLE OF CONTENTS

Number of Department, Undergraduate Majors, Concentrations, Minors, and Graduate Degree Programs	4
University Interdisciplinary Studies Programs	5-6
Nondepartmental Course Prefixes	7
Key to Codes	8
University-Wide Undergraduate Codes	8
University-Wide Graduate Programs.....	8
Colleges	
Agricultural Sciences.....	9
Interdepartmental	9
Agricultural and Resource Economics	9
Animal Sciences	9
Bioagricultural Sciences and Pest Management.....	10
Horticulture and Landscape Architecture.....	10
Soil and Crop Sciences.....	11
Applied Human Sciences	12
Interdepartmental	12
Construction Management	12
Design and Merchandising.....	13
School of Education	13-14
Food Science and Human Nutrition	14
Health and Exercise Science	14
Human Development and Family Studies	14
Occupational Therapy	15
School of Social Work	15
Business.....	16
Interdepartmental	16
Accounting	16
Computer Information Systems.....	16
Finance and Real Estate	16
Management.....	16
Marketing	16
Engineering	17
Interdepartmental	17
Atmospheric Science	17
Chemical Engineering.....	17
Civil Engineering	18
Electrical and Computer Engineering	18
Mechanical Engineering.....	18
Liberal Arts.....	19
Interdepartmental	19
Anthropology	19
Art	20
Economics	20
English.....	21
Foreign Languages and Literatures	21
History.....	22
Journalism and Technical Communication	22
Music, Theatre, and Dance.....	23
Philosophy.....	23
Political Science	23-24
Sociology.....	24
Speech Communication.....	24

Natural Resources.....	25
Fishery and Wildlife Biology	25
Forest, Rangeland, and Watershed Stewardship.....	25-26
Geosciences.....	26
Natural Resource Recreation and Tourism.....	26
Natural Sciences	27
Interdepartmental	27
Biochemistry and Molecular Biology	27
Biology.....	27-28
Chemistry	28
Computer Science	28
Mathematics	28-29
Physics.....	29
Psychology	29
Statistics	29
Veterinary Medicine and Biomedical Sciences	30
Interdepartmental	30
Biomedical Sciences	30
Clinical Sciences	30
Environmental and Radiological Health Sciences.....	31
Microbiology, Immunology, and Pathology.....	31

College	Departments/ Schools	Majors	Undergraduate Concentrations	Minors	Departments Offering Graduate Programs
University-Wide Programs	0	0	0	2	0
Agricultural Sciences	5	10 ¹	23 ²	6	5
Applied Human Sciences	8	10 ³	8 ⁴	4 ⁵	8
Business	5	1	5	0	5 ⁶
Engineering	5	8 ⁷	9 ⁸	1	5
Liberal Arts	12	16 ⁹	49	19	12
Natural Resources	4	8	14	7	4
Natural Sciences	8	10 ¹⁰	21	8	8
Veterinary Medicine and Biomedical Sciences	<u>4</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>4</u>
TOTALS	51	65	129	49	51

¹ This number includes the B.S. in bioagricultural science and pest management, which is being discontinued effective Spring 2005.

² This number includes the three concentrations in the major in bioagricultural science and pest management, which is being discontinued effective Spring 2005.

³ This number includes the B.S. in technology education and training, which is being discontinued effective Fall 2005.

⁴ This number includes the two concentrations in the major in technology education and training, which is being discontinued effective Fall 2005.

⁵ This number includes the coaching minor which is being discontinued effective Spring 2006.

⁶ The M.B.A. and M.S. degree programs in business administration are offered on a college-wide basis.

⁷ This number includes the B.S. in bioresource and agricultural engineering, which is being discontinued effective Spring 2007.

⁸ This number includes the two concentrations in the major in bioresource and agricultural engineering, which is being discontinued effective Spring 2007.

⁹ This number includes both the B.A. and the B.F.A. in art, and the B.A. and B.M. in music.

¹⁰ This number includes the B.S. in botany, which is being discontinued effective Spring 2008.

UNDERGRADUATE DEGREES

Bachelor of Arts (B.A.)	15
Bachelor of Fine Arts (B.F.A.)	1
Bachelor of Music (B.M.)	1
Bachelor of Science (B.S.)	<u>48</u>
TOTAL	65

GRADUATE DEGREES

Academic Degrees

Doctor of Philosophy (Ph.D.)	39
Master of Arts (M.A.)	9
Master of Arts for Teachers (M.A.T.)	1
Master of Science (M.S.)	<u>43</u>
TOTAL	92

Professional Degrees

Doctor of Veterinary Medicine (D.V.M.)	1
Master of Agriculture (M.Agr.)	1
Master of Business Administration (M.B.A.)	1
Master of Computer Science (M.C.S.)	1
Master of Education (M.Ed.)	1
Master of Engineering (M.E.)	1
Master of Fine Arts (M.F.A.)	2
Master of Forestry (M.F.)	1
Master of Music (M.M.)	1
Master of Social Work (M.S.W.)	<u>1</u>
TOTAL	11

UNIVERSITY INTERDISCIPLINARY STUDIES PROGRAMS

Asian Studies – Coordinated by Asian Studies Board and the Office of International Programs.

Biomedical Engineering (Undergraduate and Graduate) – Coordinated by a Faculty Advisory Board and the Department of Mechanical Engineering.

Biotechnology – Coordinated by a Faculty Advisory Board and the Associate Dean for Undergraduate Education, College of Veterinary Medicine and Biomedical Sciences.

Community Youth Development (Graduate) – Coordinated by the Dean's Office, College of Applied Human Sciences. The program is offered in online format by the Great Plains Interactive Distance Education Alliance.

Conservation Biology – Coordinated by a Faculty Advisory Board and the Office of the Dean, College of Natural Resources.

Diversity in Law – Coordinated by an Advisory Board and the Associate Dean, College of Liberal Arts.

Environmental Affairs – Coordinated by a Faculty Advisory Board and the Department of Sociology.

Ethnic Studies – Coordinated by a Faculty Advisory Board and the Director of the Center for Applied Studies in American Ethnicity.

Exercise Science and Nutrition – Coordinated by the Graduate Faculty of Food Science and Human Nutrition and Health and Exercise Science Department.

Food Science and Safety (Undergraduate and Graduate) – Coordinated by a Faculty Advisory Board.

Geospatial Science (Graduate) – Coordinated by a Faculty Advisory Board and the Graduate School.

Gerontology (Undergraduate and Graduate) – Coordinated by the Dean's Office, College of Applied Human Sciences. The graduate program is offered in online format by the Great Plains-Interactive Distance Education Alliance.

Information Science and Technology – Coordinated by the Center for Information Science and Technology.

Integrated Resource Management – Coordinated by the Western Center for Integrated Resource Management.

International Development (Undergraduate and Graduate) – Coordinated by the International Development Board and the Office of International Programs.

Latin American Studies – Coordinated by a Faculty Advisory Board and the Office of International Programs.

Molecular Biology – Coordinated by a Faculty Advisory Board and the Department of Biochemistry and Molecular Biology.

Molecular, Cellular and Integrative Neurosciences – Coordinated by the Graduate Faculty of the Molecular, Cellular, and Integrated Neurosciences Program and the Offices of the Deans, Colleges of Natural Sciences and Veterinary Medicine and Biomedical Sciences.

Political Economy (Graduate) – Coordinated by a Faculty Advisory Board.

Religious Studies – Coordinated by a Faculty Advisory Board and the Associate Dean, College of Liberal Arts.

Russian, Eastern, and Central European Studies – Coordinated by a Faculty Advisory Board and the Office of International Programs.

Water Resources – Coordinated by the Colorado Water Resources Research Institute.

Women's (Undergraduate and Graduate) – Coordinated by a Faculty Advisory Board and the Director of the Office of Women's Programs and Studies.

Youth Program Management and Evaluation (Graduate) – Coordinated by the Dean's Office, College of Applied Human Sciences. The program is offered in online format by the Great Plains Interactive Distance Education Alliance.

NONDEPARTMENTAL COURSE PREFIXES

- A - Agriculture – College of Agricultural Sciences
- AS - Aerospace Studies – Department of Aerospace Studies, Office of Provost/Academic Vice President
- AU - American Studies – College of Liberal Arts
- BE - Biomedical Engineering – College of Engineering
- BG - Business, General – College of Business
- BH - Biotechnology – College of Veterinary Medicine and Biomedical Sciences
- BY - Biological Science – Office of Provost/Academic Vice President
- CF - Consumer and Family Studies – College of Applied Human Sciences
- CM - Cell and Molecular Biology – Office of Provost/Academic Vice President
- EG - Engineering – College of Engineering
- ES - Engineering Science – College of Engineering
- ET - Ethnic Studies – Center for Applied Studies in American Ethnicity, College of Liberal Arts
- EV - Environmental Engineering – College of Engineering
- EY - Ecology – Colleges of Natural Resources and Natural Sciences
- GS - Graduate School – Graduate School
- HP - Honors – University Honors Program, Office of Provost/Academic Vice President
- HS - Human Sciences – College of Applied Human Sciences
- IE - International Education – Office of International Programs, Office of Provost/Academic Vice President
- IN - International Studies – College of Liberal Arts
- IU - Intra-University – Office of Provost/Academic Vice President
- KA - Key Academic Community – Office of Provost/Academic Vice President
- LB - Liberal Arts – College of Liberal Arts
- LI - Library Information – University Libraries
- LS - Life Sciences – Office of Provost/Academic Vice President
- MS - Military Science – Department of Military Science, Office of Provost/Academic Vice President
- NB - Neurobiology – Molecular, Cellular, and Integrated Neurosciences Program, Office of Provost/Academic Vice President
- NR - Natural Resources – College of Natural Resources
- NS - Natural Sciences – College of Natural Sciences
- SA - Study Abroad – Office of International Programs, Office of Provost/Academic Vice President
- VM - Veterinary Medicine – College of Veterinary Medicine and Biomedical Sciences
- WS - Women’s Studies – Office of Women’s Programs and Studies, Office of Provost/Academic Vice President

KEY TO CODES

Nondepartmental course prefixes are listed on page 7; college-wide prefixes are also listed at the beginning of each college section. Courses in categories 1, 2, or 3 of the All-University Core Curriculum (AUCC) have the “CC” designation added to the course prefix. Department course prefixes follow the departmental heading.

Six-digit numbers following undergraduate majors and graduate degree programs are CIP codes used for reporting purposes.

Letter and number codes preceding graduate and undergraduate (major) degree programs (e.g., AG AXAG AX01) are Colorado State internal college, department, major/specialization/concentration/minor codes used for reporting purposes.

University-Wide Undergraduate Codes

IU HLIU XB42	Open Option Seeking Business
IU HLIU XE31	Open Option Seeking Engineering
IU HLIU XG31	Open Option Seeking Restaurant and Resort Management
IU HLIU XG32	Open Option Seeking Construction Management
IU HLIU XN34	Open Option Seeking Computer Science
IU HLIU XS33	Open Option Seeking Technical Journalism
IU HLIU XS34	Open Option Seeking Art
IU HLIU XS35	Open Option Seeking Political Science
IU HLIU XX01	University Open Option

IU ASIU AS30	<i>Aerospace Studies Minor</i>
--------------	--------------------------------

IU MSIU MS30	<i>Military Science Minor</i>
--------------	-------------------------------

University-Wide Graduate Programs

IU ACIU CM80	Cell and Molecular Biology – <u>M.S.</u> (26 0406)
IU ACIU CM90	Cell and Molecular Biology – <u>Ph.D.</u> (26 0406)

IU ACIU EY80	Ecology – <u>M.S.</u> (26 0603)
IU ACIU EY8A	Ecological Risk Assessment and Management Specialization
IU ACIU EY90	Ecology – <u>Ph.D.</u> (26 0603)
IU ACIU EY9A	Ecological Risk Assessment and Management Specialization

COLLEGE OF AGRICULTURAL SCIENCES

College-Wide Prefix

Agriculture – A

College-Wide Undergraduate Programs

AG AXAG AX12

Agricultural Sciences Open Option (for advising purposes only; not a major leading a degree or a concentration within a major)

AG AXAG AX13

Pre-M.B.A.

College-Wide Graduate Program

AG AXAG AX80

Agricultural Sciences – M.Agr. (01 0000)

AG AXAG AX8A

Integrated Resource Management Specialization

INTERDEPARTMENTAL

Undergraduate Programs

AG AXAG AX03

MAJOR IN AGRICULTURAL EDUCATION – B.S. (13 1301)

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS (EA)

Graduate Programs

AG EAAG EA80

Agricultural and Resource Economics – M.S. (01 0103)

AG EAAG EA90

Agricultural and Resource Economics – Ph.D. (01 0103)

Undergraduate Programs

AG EAAG EA01

MAJOR IN AGRICULTURAL BUSINESS – B.S. (01 0102)

AG EAAG EA02

MAJOR IN AGRICULTURAL ECONOMICS – B.S. (01 0103)

AG EAAG EA50

Agricultural Economics Concentration

AG EAAG EA52

Farm and Ranch Management Concentration

AG EAAG EA51

Natural Resource Economics Concentration

AG EAAG EA30

Minor in Agricultural and Resource Economics

DEPARTMENT OF ANIMAL SCIENCES (AN)

Graduate Programs

AN ANAG AN80

Animal Sciences – M.S. (01 0901)

AN ANAG AN90

Animal Sciences – Ph.D. (01 0901)

Undergraduate Programs

AG ANAG AN01

MAJOR IN ANIMAL SCIENCE – B.S. (01 0901)

AG ANAG AN50

Industry Concentration

AG ANAG AN51

Science Concentration

AG ANAG AN02

MAJOR IN EQUINE SCIENCE – B.S. (01 0507)

AG ANAG AN52

Industry Concentration

AG ANAG AN53

Science Concentration

**DEPARTMENT OF BIOAGRICULTURAL SCIENCES AND PEST MANAGEMENT
(BI)**

Graduate Programs

AG BIAG EN80	Entomology – <u>M.S.</u> (26 0702)
AG BIAG PD80	Plant Pathology and Weed Science – <u>M.S.</u> (26 0305)
AG BIAG EN90	Entomology – <u>Ph.D.</u> (26 0702)
AG BIAG PD90	Plant Pathology and Weed Science – <u>Ph.D.</u> (26 0305)

Undergraduate Programs

AG BIAG AX01	MAJOR IN BIOAGRICULTURAL SCIENCES ¹ - <u>B.S.</u> (01 0000) (major being dropped effective SP05; no new students are being admitted)
AG BIAG AX50	Agricultural Biotechnology Concentration
AG BIAG AX51	Entomology Concentration
AG BIAG AX53	Plant Health Concentration
	Business management option
	Science option
AG BIAG AX30	<i>Minor in Entomology</i>
AG BIAG AX31	<i>Minor in Plant Health</i>

DEPARTMENT OF HORTICULTURE AND LANDSCAPE ARCHITECTURE (H, LA)

Graduate Programs

AG H AG H 80	Horticulture – <u>M.S.</u> (01 1103)
AG H AG H 90	Horticulture – <u>Ph.D.</u> (01 1103)

Undergraduate Programs

AG H AG H 01	MAJOR IN HORTICULTURE – <u>B.S.</u> (01 1103)
AG H AG H 50	Floriculture Concentration
AG H AG H 51	Horticultural Business Management Concentration
AG H AG H 52	Horticultural Food Crops Concentration
	Production option
	Seed science option
AG H AG H 53	Horticultural Science Concentration
AG H AG H 03-LA	PRE-LANDSCAPE ARCHITECTURE
AG H AG H 03	MAJOR IN LANDSCAPE ARCHITECTURE – <u>B.S.</u> (04 0601)
AG H AG H 02	MAJOR IN LANDSCAPE HORTICULTURE – <u>B.S.</u> (01 0601)
AG H AG H 54	Landscape Design and Contracting Concentration
AG H AG H 55	Nursery and Landscape Management Concentration
AG H AG H 56	Turf Management Concentration
AG H AG H 30	<i>Minor in Horticulture</i>
AG H AG H 31	<i>Minor in Landscape Horticulture</i>

¹ A concentration does not have to be selected in this major.

COLLEGE OF APPLIED HUMAN SCIENCES

College-Wide Prefixes

Consumer and Family Studies – CF
Human Sciences – HS

College-Wide Undergraduate Program

HS GXHS GX12 Applied Human Sciences Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

INTERDEPARTMENTAL

Undergraduate Programs

HS GXHS GX01 MAJOR IN CONSUMER AND FAMILY STUDIES – B.S. (19 0101)
HS GXHS GX50 Consumer and Family Studies Concentration
HS GXHS GX51 Consumer and Family Studies Education Concentration

DEPARTMENT OF CONSTRUCTION MANAGEMENT (MC)

Graduate Program

HS ISHS IS80 Manufacturing Technology and Construction Management – M.S.
(15 1101)
HS ISHS IS8A Construction Management Specialization
HS ISHS IS8B Technology Education and Training Specialization

Undergraduate Program

HS ISHS IS01 MAJOR IN CONSTRUCTION MANAGEMENT – B.S. (15 1001)

HS ISHS IS02 MAJOR IN TECHNOLOGY EDUCATION AND TRAINING – B.S. (15 0603)
(major being dropped effective FA05; no new students are being admitted)
HS ISHS IS54 Technology Education (Licensure) Concentration
Technology education option
Trade and industry option
HS ISHS IS55 Technology Education (Non-Licensure) Concentration
Industrial and corporate training option

HS ISHS IS30 *Minor in Construction Management*

DEPARTMENT OF DESIGN AND MERCHANDISING (AM, DM, ID)

Graduate Programs

HS DMHS DM81	Design and Merchandising – <u>M.S.</u> (19 0905)
HS DMHS DM8A	Apparel and Merchandising Specialization
HS DMHS DM8C	Interior Design Specialization

Undergraduate Programs

HS DMHS DM01	MAJOR IN APPAREL AND MERCHANDISING – <u>B.S.</u> (19 0905)
HS DMHS DM50	Apparel Design and Production Concentration
HS DMHS DM52	Merchandising Concentration
HS DMHS DM03	MAJOR IN INTERIOR DESIGN – <u>B.S.</u> (50 0408)
HS DMHS DM31	<i>Minor in Merchandising</i>

SCHOOL OF EDUCATION (AD, ED, HE, VE)

Graduate Programs (only)

HS OEHS OE84	Student Affairs in Higher Education – <u>M.S.</u> (13 0406)
HS OEHS OE81	Education and Human Resource Studies – <u>M.Ed.</u> (13 0499)
HS OEHS OE90	Education and Human Resource Studies – <u>Ph.D.</u> (13 0499)

Undergraduate Programs (nondegree)

HS OEHS OE02	Pre-Admission to Licensure (13 0101)
HS OEHS OE01	Teacher Licensure (13 1299)
HS OEHS OE75	Teacher Licensure (pursued at a graduate level) (13 1299)
HS OEHS OE82	Principal Licensure (pursued at a graduate level) (13 1299)
HS OEHS OE83	Counseling Endorsement (pursued at a graduate level) (13 1299)

HS OEHS OE01-EC Early Childhood Education

K-12

HS OEHS OE01-AR Art
HS OEHS OE01-MU Music

Secondary

HS OEHS OE01-EN English
HS OEHS OE01-FR Foreign Language-French
HS OEHS OE01-GR Foreign Language-German
HS OEHS OE01-SN Foreign Language-Spanish
HS OEHS OE01-IA Industrial Sciences
HS OEHS OE01-MA Mathematics
HS OEHS OE01-BI Science Education: Biology
HS OEHS OE01-BN Science Education: Biology/Natural Resources
HS OEHS OE01-CH Science Education: Chemistry
HS OEHS OE01-GN Science Education: General
HS OEHS OE01-GE Science Education: Geology
HS OEHS OE01-PH Science Education: Physics
HS OEHS OE01-SS Social Studies Education
HS OEHS OE01-SP Speech: General Speech, Theatre

Vocational Education

HS OEHS OE01-AT
HS OEHS OE01-AE
HS OEHS OE01-BE
HS OEHS OE01-VH
HS OEHS OE01-VM
HS OEHS OE01-TI

Adult Technical Education
Agriculture
Business Education
Consumer and Family Studies
Marketing Education
Trade and Industrial Education

DEPARTMENT OF FOOD SCIENCE AND HUMAN NUTRITION (FN, FT, RM)

Graduate Programs

HS FNHS FN80 Food Science and Nutrition – M.S. (19 0501)
HS FNHS FN90 Food Science and Nutrition – Ph.D. (19 0501)

Undergraduate Programs

HS FNHS FN01 MAJOR IN NUTRITION AND FOOD SCIENCE – B.S. (19 0504)
Dietetics option
Food safety and nutrition option
Nutritional sciences option
Nutrition and fitness option

HS FNHS FN02 MAJOR IN RESTAURANT AND RESORT MANAGEMENT – B.S. (52 0905)

HS FNHS FN31 *Minor in Nutrition*

DEPARTMENT OF HEALTH AND EXERCISE SCIENCE (EX)

Graduate Program

HS EXHS EX80 Health and Exercise Science – M.S. (31 0505)

Undergraduate Programs

HS EXHS EX01 MAJOR IN HEALTH AND EXERCISE SCIENCE – B.S. (31 0505)
HS EXHS EX54 Health Promotion Concentration
HS EXHS EX52 Sports Medicine Concentration

HS EXHS EX30 *Minor in Coaching (minor ending in SP06, no new students being admitted)*

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES (HD)

Graduate Program

HS HDHS HD80 Human Development and Family Studies – M.S. (19 0701)
HS HDHS HD8A Family and Developmental Studies Specialization
HS HDHS HD8C Marriage and Family Therapy Specialization

Undergraduate Program

HS HDHS HD01 MAJOR IN HUMAN DEVELOPMENT AND FAMILY STUDIES – B.S. (19 0701)
Teacher licensure in early childhood education option

DEPARTMENT OF OCCUPATIONAL THERAPY (OT)

Graduate Program (only)

HS OTHS OT80 Occupational Therapy – M.S. (51 2306)

SCHOOL OF SOCIAL WORK

Graduate Program

HS SWHS SW80 Social Work – M.S.W. (44 0701)

Undergraduate Program

HS SWHS SW01 MAJOR IN SOCIAL WORK – B.A. (44 0701)

COLLEGE OF BUSINESS

College-Wide Prefix: Business, General – BG

College-Wide Undergraduate Program

BU BXBU BX12 Business Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

College-Wide Graduate Programs

BU BXBU BX80 Business Administration – M.S. (52 0201)
BU BXBU BX81 Business Administration – M.B.A. (52 0201)

INTERDEPARTMENTAL

Undergraduate Program

BU BXBU BX01 MAJOR IN BUSINESS ADMINISTRATION – B.S. (52 0201)

DEPARTMENT OF ACCOUNTING (BA)

BU BABU BA50 Accounting Concentration (registered in BU BXBU BX01-BA)
Business education option

DEPARTMENT OF COMPUTER INFORMATION SYSTEMS (BD, BQ)

BU BQBU BQ50 Information Systems Concentration (registered in BU BXBU BX01-BQ)

DEPARTMENT OF FINANCE AND REAL ESTATE (BF)

BU BFBU BF50 Finance-Real Estate Concentration (registered in BU BXBU BX01-BF)
Finance option
Real estate option

DEPARTMENT OF MANAGEMENT (BN)

BU BNBU BN50 Organizational Management Concentration (registered in BU BXBU BX01-BN)
Business education option

DEPARTMENT OF MARKETING (BK)

BU BKBU BK50 Marketing Concentration (registered in BU BXBU BX01-BK)
Marketing education option

COLLEGE OF ENGINEERING

College-Wide Prefixes:

Biomedical Engineering – BE
Engineering – EG
Engineering Science – ES
Environmental Engineering – EV

College-Wide Graduate Programs

EG EGEG EG80	Engineering – <u>M.E.</u> (14 0101)
EG EGEG EG8A	Electrical and Computer Engineering Specialization
EG EGEG EG8B	Chemical Engineering Specialization
EG EGEG EG8C	Civil Engineering Specialization
EG EGEG EG8D	Mechanical Engineering Specialization
EG EGEG EG8E	Biomedical Engineering Specialization

College-Wide Undergraduate Programs

EG EGEG EG12	Engineering Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)
--------------	---

INTERDEPARTMENTAL

Undergraduate Programs

EG EGEG EG01	MAJOR IN ENGINEERING SCIENCE – <u>B.S.</u> (14 1301)
EG EGEG EG51	Engineering Physics Concentration
EG EGEG EG54	International Engineering and International Studies
EG EGEG EG53	Space Engineering Concentration
EG EGEG EG02	MAJOR IN ENVIRONMENTAL ENGINEERING – <u>B.S.</u> (14 1401)
EG EGEG EG30	<i>Minor in Environmental Engineering</i>

DEPARTMENT OF ATMOSPHERIC SCIENCE (AT)

Graduate Programs (only)

EG ATEG AT80	Atmospheric Science – <u>M.S.</u> (40 0401)
EG ATEG AT90	Atmospheric Science – <u>Ph.D.</u> (40 0401)

DEPARTMENT OF CHEMICAL ENGINEERING (CH)

Graduate Programs

EG CHEG CH80	Chemical Engineering – <u>M.S.</u> (14 0701)
EG CHEG CH90	Chemical Engineering – <u>Ph.D.</u> (14 0701)

Undergraduate Program

EG CHEG CH01	MAJOR IN CHEMICAL ENGINEERING – <u>B.S.</u> (14 0701)
--------------	---

DEPARTMENT OF CIVIL ENGINEERING (CE)

Graduate Programs

EG CEEG CE80	Civil Engineering – <u>M.S.</u> (14 0801)
EG CEEG CE81	Bioresource and Agricultural Engineering – <u>M.S.</u> (14 0301) (degree ending SP07; no new students being admitted)
EG CEEG CE90	Civil Engineering – <u>Ph.D.</u> (14 0801)
EG CEEG CE91	Bioresource and Agricultural Engineering – <u>Ph.D.</u> (14 0301) (degree ending SP07; no new students being admitted)

Undergraduate Programs

EG CEEG CE01	MAJOR IN CIVIL ENGINEERING – <u>B.S.</u> (14 0801)
EG CEEG CE52	Civil Engineering Concentration
EG CEEG CE53	Soil and Water Resource Engineering Concentration
EG CEEG CE02	MAJOR IN BIORESOURCE AND AGRICULTURAL ENGINEERING – <u>B.S.</u> (14 0301) (degree ending SP07; no new students being admitted)
EG CEEG CE50	Agricultural Engineering Concentration
EG CEEG CE51	Bioresource Engineering Concentration

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING (EE)

Graduate Programs

EG EEEG EE80	Electrical Engineering – <u>M.S.</u> (14 1001)
EG EEEG EE90	Electrical Engineering – <u>Ph.D.</u> (14 1001)

Undergraduate Programs

EG EEEG EE01	MAJOR IN ELECTRICAL ENGINEERING – <u>B.S.</u> (14 1001)
EG EEEG EE51	Electrical Engineering Concentration
EG EEEG EE52	Optoelectronic Engineering Concentration
EG EEEG EE02	MAJOR IN COMPUTER ENGINEERING – <u>B.S.</u> (14 0901)

DEPARTMENT OF MECHANICAL ENGINEERING (ME)

Graduate Programs

EG MEEG ME80	Mechanical Engineering – <u>M.S.</u> (14 1901)
EG MEEG ME90	Mechanical Engineering – <u>Ph.D.</u> (14 1901)

Undergraduate Program

EG MEEG ME01	MAJOR IN MECHANICAL ENGINEERING – <u>B.S.</u> (14 1901)
--------------	---

COLLEGE OF LIBERAL ARTS

College-Wide Prefixes:

American Studies – AU
American Ethnicity – ET
International Studies – IN
Liberal Arts – LB

College-Wide Undergraduate Program

AR SXAR SX12 Liberal Arts Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

INTERDEPARTMENTAL

Undergraduate Programs

AR SXAR SX03 MAJOR IN LIBERAL ARTS – B.A. (24 0101)
AR SXAR SX54 American Studies Concentration
American identities option
American images and aesthetics option
American institutions option
American regions option
AR SXAR SX50 Arts and Humanities Concentration
AR SXAR SX51 Arts and Humanities and Engineering Science Concentration
AR SXAR SX55 International Studies Concentration
Asian studies option
European studies option
Latin American studies option
AR SXAR SX52 Social Sciences Concentration
AR SXAR SX56 Social Sciences with Social Studies Licensure Concentration
AR SXAR SX53 Social Sciences and Engineering Science Concentration

AR SXAR SX30 *Minor in Media Studies*

DEPARTMENT OF ANTHROPOLOGY (AP)

Graduate Program

AR APAR AP80 Anthropology – M.A. (45 0201)

Undergraduate Programs

AR APAR AP01 MAJOR IN ANTHROPOLOGY – B.A. (45 0201)
AR APAR AP30 *Minor in Anthropology*

DEPARTMENT OF ENGLISH (CO, E)

Graduate Programs

AR E AR E 80	Creative Writing – <u>M.F.A.</u> (23 0501)
AR E AR E 81	English – <u>M.A.</u> (23 0101)
AR E AR E 8A	Rhetoric and Composition Specialization

Undergraduate Programs

AR E AR E 01	MAJOR IN ENGLISH – <u>B.A.</u> (23 0101)
AR E AR E 50	Creative Writing Concentration
AR E AR E 53	English Education Concentration
AR E AR E 51	Language Concentration
AR E AR E 54	Literature Concentration
AR E AR E 52	Writing Concentration
AR E AR E 30	<i>Minor in English</i>

DEPARTMENT OF FOREIGN LANGUAGES AND LITERATURES (L)

Graduate Program

AR FLAR FL80	Languages, Literatures, and Cultures – <u>M.A.</u> (16 0000)
--------------	--

Undergraduate Programs

AR FLAR FL04	MAJOR IN LANGUAGES, LITERATURES, AND CULTURES – <u>B.A.</u> (16 0000)
AR FLAR FL52	French Concentration (registered in AR FLAR FL04-FR)
AR FLAR FL53	German Concentration (registered in AR FLAR FL04-GR)
AR FLAR FL54	Spanish Concentration (registered in AR FLAR FL04-SN)
	Teaching endorsement ³
AR FLAR FL30	<i>Minor in French</i>
AR FLAR FL31	<i>Minor in German</i>
AR FLAR FL34	<i>Minor in Japanese</i>
AR FLAR FL32	<i>Minor in Russian</i>
AR FLAR FL33	<i>Minor in Spanish</i>

³ The teaching endorsement is available in any of the concentrations.

DEPARTMENT OF HISTORY (HY)

Graduate Program

AR HYAR HY80 History – M.A. (54 0101)

Undergraduate Programs

AR HYAR HY01 MAJOR IN HISTORY – B.A. (54 0101)
AR HYAR HY50 Liberal Arts Concentration
Language option
Quantitative option
AR HYAR HY51 Social Studies Teaching Concentration
AR HYAR HY30 *Minor in History*

DEPARTMENT OF JOURNALISM AND TECHNICAL COMMUNICATION (JT)

Graduate Program

AR JTAR JT80 Technical Communication – M.S. (09 0901)

Undergraduate Programs

AR JTAR JT02 MAJOR IN TECHNICAL JOURNALISM – B.A. (09 0401)
AR JTAR JT54 Computer-Mediated Communication Concentration
AR JTAR JT51 News-Editorial Concentration
AR JTAR JT52 Public Relations Concentration
AR JTAR JT53 Specialized Communication Concentration
AR JTAR JT50 Television News and Video Communication Concentration

DEPARTMENT OF MUSIC, THEATRE, AND DANCE (D, MU, PF, TH)

Graduate Program

AR MUAR MU80 Music – M.M. (50 0901)
 Choral conducting option
 Instrumental conducting option
 Music education-Kodaly option
 Music Therapy option

Undergraduate Programs

AR MUAR MU12 PRE-MUSIC

AR MUAR MU01 MAJOR IN MUSIC – B.M. (50 0901)
 AR MUAR MU56 Composition Concentration (registered in AR MUAR MU01-CO)
 AR MUAR MU50 Music Education Concentration (registered in AR MUAR MU01-
 ME)
 Instrumental option
 Vocal option

 AR MUAR MU55 Music Therapy Concentration (registered in AR MUAR MU01-MT)
 AR MUAR MU51 Performance Concentration (registered in AR MUAR MU01-PR)
 Orchestral instrument option
 Organ option
 Piano option
 Piano pedagogy option
 String pedagogy option
 Voice option

AR MUAR MU04 MAJOR IN MUSIC – B.A. (50 0901)

AR MUAR MU03 MAJOR IN PERFORMING ARTS – B.A. (50 0501)
 AR MUAR MU52 Dance Concentration (registered in AR MUAR MU03-D)
 AR MUAR MU54 Theatre Concentration (registered in AR MUAR MU03-TH)

AR MUAR MU31 *Minor in Music*
AR MUAR MU33 *Minor in Theatre-Acting/Directing*
AR MUAR MU34 *Minor in Theatre-Design/Technical Theatre*

DEPARTMENT OF PHILOSOPHY (PL)

Graduate Program

AR PLAR PL80 Philosophy – M.A. (38 0101)

Undergraduate Programs

AR PLAR PL01 MAJOR IN PHILOSOPHY – B.A. (38 0101)
 AR PLAR PL50 General Philosophy Concentration
 AR PLAR PL52 Philosophy and Religion Concentration
 AR PLAR PL53 Philosophy, Science, and Technology Concentration

AR PLAR PL30 *Minor in General Philosophy*
AR PLAR PL31 *Minor in Religious Studies*

DEPARTMENT OF POLITICAL SCIENCE (PO)

Graduate Programs

AR POAR PO80	Political Science – <u>M.A.</u> (45 1001)
AR POAR PO90	Political Science – <u>Ph.D.</u> (45 1001)
AR POAR PO9A	Environmental Politics and Policy Specialization

Undergraduate Programs

AR POAR PO01	MAJOR IN POLITICAL SCIENCE – <u>B.A.</u> (45 1001)
AR POAR PO30	<i>Minor in Political Science</i>

DEPARTMENT OF SOCIOLOGY (S)

Graduate Programs

AR S AR S 80	Sociology – <u>M.A.</u> (45 1101)
AR S AR S 90	Sociology – <u>Ph.D.</u> (45 1101)

Undergraduate Programs

AR S AR S 01	MAJOR IN SOCIOLOGY – <u>B.A.</u> (45 1101)
AR S AR S 50	Criminology and Criminal Justice Concentration
AR S AR S 51	General Sociology Concentration
AR S AR S 31	<i>Minor in Criminology and Criminal Justice</i>
AR S AR S 30	<i>Minor in Sociology</i>

DEPARTMENT OF SPEECH COMMUNICATION (SP)

Graduate Program

AR SPAR SP80	Speech Communication – <u>M.A.</u> (23 1001)
--------------	--

Undergraduate Programs

AR SPAR SP01	MAJOR IN SPEECH COMMUNICATION ⁴ - <u>B.A.</u> (23 1001)
AR SPAR SP53	Communication Studies Concentration
AR SPAR SP52	Media Studies Concentration
AR SPAR SP54	Rhetorical Studies Concentration
AR SPAR SP51	Teacher Licensure Concentration
	Speech option
	Theatre option

⁴ A concentration does not have to be selected in this major.

COLLEGE OF NATURAL RESOURCES

College-Wide Prefixes:

Ecology – EY
Natural Resources – NR

College-Wide Undergraduate Programs

FR FXFR FX12 Natural Resources Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)
FR FXFR FX13 Environmental Studies Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

DEPARTMENT OF FISHERY AND WILDLIFE BIOLOGY (FW)

Graduate Programs

FR FWFR FW80 Fishery and Wildlife Biology – M.S. (03 0301)
FR FWFR FW90 Fishery and Wildlife Biology – Ph.D. (03 0301)

Undergraduate Programs

FR FWFR FW01 MAJOR IN FISHERY BIOLOGY – B.S. (03 0301)
FR FWFR FW02 MAJOR IN WILDLIFE BIOLOGY – B.S. (03 0601)
FR FWFR FW30 *Minor in Fishery Biology*

DEPARTMENT OF FOREST, RANGELAND, AND WATERSHED STEWARDSHIP (F, GR, RS, WR)

Graduate Programs

FR FSFR F 80 Forest Sciences – M.F. (03 0502)
FR FSFR F 81 Forest Sciences – M.S. (03 0502)
FR FSFR RS80 Rangeland Ecosystem Science – M.S. (01 1106)
FR FSFR WR80 Watershed Science – M.S. (03 0205)
FR FSFR F 90 Forest Sciences – Ph.D. (03 0502)
FR FSFR RS90 Rangeland Ecosystem Science – Ph.D. (01 1106)

Undergraduate Programs

FR FSFR F 01 MAJOR IN FORESTRY – B.S. (03 0502)
FR FSFR F 50 Forest Biology Concentration
FR FSFR F 51 Forest Fire Science Concentration
FR FSFR F 52 Forest Management Concentration
FR FSFR F 53 Forestry-Business Concentration

FR FSFR F 02 MAJOR IN NATURAL RESOURCES MANAGEMENT – B.S. (03 0101)

FR FSFR RS02 MAJOR IN RANGELAND ECOLOGY – B.S. (01 1106)
FR FSFR RS53 Range and Forest Management Concentration
FR FSFR RS51 Rangeland Management Concentration
FR FSFR RS50 Restoration Ecology Concentration
FR FSFR RS52 Science Concentration

FR FSFR WR01 MAJOR IN WATERSHED SCIENCE – B.S. (03 0205)

FR FSFR F 31 *Minor in Forestry*
FR FSFR F 32 *Minor in Spatial Information Management*
FR FSFR RS30 *Minor in Range Ecology*
FR FSFR WR30 *Minor in Watershed Science*

DEPARTMENT OF GEOSCIENCES (G)

Graduate Programs

FR ERFR ER81 Geosciences – M.S. (40 0601)
FR ERFR ER90 Earth Resources – Ph.D. (40 0601)

Undergraduate Programs

FR ERFR ER01 MAJOR IN GEOLOGY – B.S. (40 0601)
FR ERFR ER50 Environmental Geology Concentration
FR ERFR ER51 Geology Concentration

FR ERFR ER31 *Minor in Geology*

DEPARTMENT OF NATURAL RESOURCE RECREATION AND TOURISM (RR)

Graduate Programs

FR RRRR RR80 Recreation Resources – M.S. (31 0301)
FR RRRR RR90 Recreation Resources – Ph.D. (31 0301)

Undergraduate Programs

FR RRRR RR02 MAJOR IN NATURAL RESOURCE RECREATION AND TOURISM – B.S.
(31 0301)
FR RRRR RR54 Environmental Communication Concentration
FR RRRR RR53 Global Tourism Concentration
FR RRRR RR50 Natural Resource Tourism Concentration
FR RRRR RR51 Parks and Protected Area Management Concentration

FR RRRR RR33 *Minor in Wilderness Management*

COLLEGE OF NATURAL SCIENCES

College-Wide Prefixes:

Biological Science – BY
Ecology – EY
Natural Sciences – NS

College-Wide Undergraduate Programs

NS NXNS LS11 Life Sciences Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)
NS NXNS NX12 Natural Sciences Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

INTERDEPARTMENTAL

Undergraduate Program

NS NXNS NX02 MAJOR IN NATURAL SCIENCES – B.S. (30 1801)
NS NXNS NX51 Biology Education Concentration
NS NXNS NX52 Biology/Natural Resources Education Concentration
NS NXNS NX53 Chemistry Education Concentration
NS NXNS NX54 General Science Education Concentration
NS NXNS NX55 Geology Education Concentration
NS NXNS NX50 Physical Science Concentration
NS NXNS NX56 Physics Education Concentration

DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY (BC)

Graduate Programs

NS BCNS BC80 Biochemistry – M.S. (26 0202)
NS BCNS BC90 Biochemistry – Ph.D. (26 0202)

Undergraduate Programs

NS BCNS BC01 MAJOR IN BIOCHEMISTRY – B.S. (26 0202)
NS BCNS BC30 *Minor in Biochemistry*

DEPARTMENT OF BIOLOGY (BZ)

Graduate Programs

NS BYNS BY80 Botany – M.S. (26 0301)
NS BYNS BY81 Zoology – M.S. (26 0701)
NS BYNS BY90 Botany – Ph.D. (26 0301)
NS BYNS BY91 Zoology – Ph.D. (26 0701)

Undergraduate Programs

NS BYNS BY01 NS BYNS BY50 NS BYNS BY51	MAJOR IN BIOLOGICAL SCIENCE – <u>B.S.</u> (26 0101) Biological Science Concentration Botany Concentration
NS BYNS BY02	MAJOR IN BOTANY – <u>B.S.</u> (26 0301) (degree ending in SP08, no new students being admitted)
NS BYNS BY03	MAJOR IN ZOOLOGY – <u>B.S.</u> (26 0701)
NS BYNS BY30 NS BYNS BY31	<i>Minor in Botany</i> <i>Minor in Zoology</i>

DEPARTMENT OF CHEMISTRY (C)

Graduate Programs

NS C NS C 80 NS C NS C 90	Chemistry – <u>M.S.</u> (40 0501) Chemistry – <u>Ph.D.</u> (40 0501)
------------------------------	---

Undergraduate Programs

NS C NS C 01 NS C NS C 50 NS C NS C 51	MAJOR IN CHEMISTRY – <u>B.S.</u> (40 0501) ACS Certified Concentration Non-ACS Certified Concentration
NS C NS C 30	<i>Minor in Chemistry</i>

DEPARTMENT OF COMPUTER SCIENCE (CS)

Graduate Programs

NS CSNS CS80 NS CSNS CS81 NS CSNS CS90	Computer Science – <u>M.S.</u> (11 0101) Computer Science – <u>M.C.S.</u> (11 0101) Computer Science – <u>Ph.D.</u> (11 0101)
--	---

Undergraduate Programs

NS CSNS CS01 NS CSNS CS50	MAJOR IN COMPUTER SCIENCE ⁵ - <u>B.S.</u> (11 0101) Computational Statistics Concentration
NS CSNS CS30	<i>Minor in Computer Science</i>

DEPARTMENT OF MATHEMATICS (M)

Graduate Programs

NS M NS M 80 NS M NS M 81 NS M NS M 90	Mathematics – <u>M.S.</u> (27 0101) Mathematics – <u>M.A.T.</u> (27 0101) Mathematics – <u>Ph.D.</u> (27 0101)
--	--

⁵ A concentration does not have to be selected in this major.

Undergraduate Programs

NS M NS M 01	MAJOR IN MATHEMATICS – <u>B.S.</u> (27 0101)
NS M NS M 50	Actuarial Science Concentration
NS M NS M 51	Applied Mathematics Concentration
NS M NS M 54	Computational Mathematics Concentration
NS M NS M 52	General Mathematics Concentration
NS M NS M 53	Mathematics Education Concentration
NS M NS M 56	Mathematics of Information Concentration
NS M NS M 55	Statistics Concentration
NS M NS M 30	<i>Minor in Mathematics</i>

DEPARTMENT OF PHYSICS (AA, PH)

Graduate Programs

NS PHNS PH80	Physics – <u>M.S.</u> (40 0801)
NS PHNS PH90	Physics – <u>Ph.D.</u> (40 0801)

Undergraduate Programs

NS PHNS PH01	MAJOR IN PHYSICS – <u>B.S.</u> (40 0801)
NS PHNS PH50	Applied Physics Concentration
NS PHNS PH51	Physics Concentration
NS PHNS PH30	<i>Minor in Physics</i>

DEPARTMENT OF PSYCHOLOGY (PY)

Graduate Programs

NS PYNS PY80	Psychology – <u>M.S.</u> (42 0101)
NS PYNS PY90	Psychology – <u>Ph.D.</u> (42 0101)

Undergraduate Program

NS PYNS PY01	MAJOR IN PSYCHOLOGY – <u>B.S.</u> (42 0101)
--------------	---

DEPARTMENT OF STATISTICS (ST)

Graduate Programs

NS STNS ST80	Statistics – <u>M.S.</u> (27 0501)
NS STNS ST90	Statistics – <u>Ph.D.</u> (27 0501)

Undergraduate Program

NS STNS ST30	<i>Minor in Statistics</i>
--------------	----------------------------

COLLEGE OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES

College-Wide Prefixes:

Biotechnology – BH
Veterinary Medicine – VM

College-Wide Undergraduate Program

VM VXVM BS12

Biomedical Sciences Open Option (for advising purposes only; not a major leading to a degree or a concentration within a major)

INTERDEPARTMENTAL

Graduate Program

VM VXVM VM90

Doctor of Veterinary Medicine – D.V.M. (51 2401)

DEPARTMENT OF BIOMEDICAL SCIENCES (BS)

Graduate Programs

VM BSVM BS80

Biomedical Sciences – M.S. (26 0707)

VM BSVM BS90

Biomedical Sciences – Ph.D. (26 0707)

Undergraduate Program

VM BSVM BS30

Minor in Biomedical Sciences

DEPARTMENT OF CLINICAL SCIENCES (VS)

Graduate Programs (only)

VM CLVM CL80

Clinical Sciences – M.S. (51 2501)

VM CLVM CL90

Clinical Sciences – Ph.D. (51 2501)

**DEPARTMENT OF ENVIRONMENTAL AND RADIOLOGICAL HEALTH SCIENCES
(EH, R)**

Graduate Programs

VM ERVM EH80	Environmental Health – <u>M.S.</u> (51 2202)
VM ERVM EH8A	Epidemiology Specialization
VM ERVM EH8B	Industrial Hygiene Specialization
VM ERVM EH8C	Toxicology Specialization
VM ERVM R 80	Radiological Health Sciences – <u>M.S.</u> (51 0911)
VM ERVM EH90	Environmental Health – <u>Ph.D.</u> (51 2202)
VM ERVM EH9A	Epidemiology Specialization
VM ERVM EH9B	Industrial Hygiene Specialization
VM ERVM EH9C	Toxicology Specialization
VM ERVM R 90	Radiological Health Sciences – <u>Ph.D.</u> (51 0911)

Undergraduate Program

VM ERVM EH01	MAJOR IN ENVIRONMENTAL HEALTH – <u>B.S.</u> (51 2202)
--------------	---

**DEPARTMENT OF MICROBIOLOGY, IMMUNOLOGY, AND PATHOLOGY (MB,
PA)**

Graduate Programs

VM MPVM MB80	Microbiology – <u>M.S.</u> (26 0502)
VM MPVM MB90	Microbiology – <u>Ph.D.</u> (26 0502)
VM MPVM PA90	Pathology – <u>Ph.D.</u> (26 0901)

Undergraduate Program

VM MPVM MB01	MAJOR IN MICROBIOLOGY – <u>B.S.</u> (26 0502)
VM MPVM MB30	<i>Minor in Microbiology</i>