

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

(Includes Concentrations, Options, and Interdisciplinary Studies Programs)

Effective Fall Semester 2003

Prepared by

Curriculum and Catalog Administration

Provost/Academic Vice President's Office

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College	Departments/ School	Majors	Undergraduate Concentrations	Minors	Departments Offering Graduate Programs
University-Wide Programs	0	0	0	2	0
Agricultural Sciences	5	10 ¹	25 ²	6	5
Applied Human Sciences	8	11 ³	8	4	8
Business	5	1	5	0	5 ⁴
Engineering	5	8	6	1	5
Liberal Arts	12	16 ⁵	48	19	12
Natural Resources	4	8	14	7	4
Natural Sciences	8	10	18	8	8
Veterinary Medicine and Biomedical Sciences	<u>4</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>4</u>
TOTALS	51	66	124	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 industrial technology management, which is being discontinued effective Fall 2004.

⁴ The M.B.A. and M.S. degree programs in business administration are offered on a college-wide basis.

⁵ This number includes both the B.A. and the B.F.A. in art, and the B.A. and B.M. in music.

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>49</u>
TOTAL	66

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

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

Asian – 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.

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

Criminal Justice – Coordinated by a Faculty Advisory Board and the Associate Dean, College of Liberal Arts. (Program housed in the Department of Sociology.)

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.

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 – 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.

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

Russian, Eastern, and Central European – 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.

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 - American Ethnicity – 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 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 0402)
IU ACIU CM90	Cell and Molecular Biology – <u>Ph.D.</u> (26 0402)
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. (02 0101)

AG AXAG AX8A

Integrated Resource Management Specialization

INTERDEPARTMENTAL

Undergraduate Programs

AG AXAG AX03

MAJOR IN AGRICULTURAL EDUCATION – B.S. (02 9999)

AG AXAG AX60

Agricultural Education Concentration

AG AXAG AX61

Agricultural Extension Education Concentration

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. (02 0201)

AN ANAG AN90

Animal Sciences – Ph.D. (02 0201)

Undergraduate Programs

AG ANAG AN01

MAJOR IN ANIMAL SCIENCE – B.S. (02 0201)

AG ANAG AN50

Industry Concentration

AG ANAG AN51

Science Concentration

AG ANAG AN02
AG ANAG AN52
AG ANAG AN53

MAJOR IN EQUINE SCIENCE – B.S. (02 0299)
Industry Concentration
Science Concentration

DEPARTMENT OF BIOAGRICULTURAL SCIENCES AND PEST MANAGEMENT (BI)

Graduate Programs

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

Undergraduate Programs

AG BIAG AX01 MAJOR IN BIOAGRICULTURAL SCIENCES¹ - B.S. (02 0101) (**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 *Minor in Entomology*
AG BIAG AX31 *Minor in Plant Health*

DEPARTMENT OF HORTICULTURE AND LANDSCAPE ARCHITECTURE (H, LA)

Graduate Programs

AG H AG H 80 Horticulture – M.S. (02 0403)
AG H AG H 90 Horticulture – Ph.D. (02 0403)

Undergraduate Programs

AG H AG H 01 MAJOR IN HORTICULTURE – B.S. (02 0403)
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 – B.S. (04 0601)

AG H AG H 02 MAJOR IN LANDSCAPE HORTICULTURE – B.S. (01 0605)
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

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

AG H AG H 30
AG H AG H 31

Minor in Horticulture
Minor in Landscape Horticulture

DEPARTMENT OF SOIL AND CROP SCIENCES (SC)

Graduate Programs

AG AGAG SC80 Soil and Crop Sciences – M.S. (02 0402)
AG AGAG SC90 Soil and Crop Sciences – Ph.D. (02 0402)

Undergraduate Programs

AG AGAG SC01 MAJOR IN SOIL AND CROP SCIENCES² - B.S. (02 0402)
AG AGAG SC50 Agronomic Production Management Concentration
 Seed science option
AG AGAG SC56 Applied Information Technology
AG AGAG SC54 Environmental Soil Science Concentration
AG AGAG SC52 International Soil and Crop Sciences Concentration
AG AGAG SC55 Plant Biotechnology, Genetics, and Breeding Concentration
AG AGAG SC53 Soil Resources and Conservation Concentration

AG AGAG SC30 *Minor in Soil Resources and Conservation*

² 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 DESIGN AND MERCHANDISING (AM, DM, ID)

Graduate Programs

HS DMHS DM81 Design and Merchandising – M.S. (19 0402)
HS DMHS DM8A Apparel and Merchandising Specialization
HS DMHS DM8C Interior Design Specialization

Undergraduate Programs

HS DMHS DM01 MAJOR IN APPAREL AND MERCHANDISING – B.S. (19 0901)
HS DMHS DM50 Apparel Design and Production Concentration
HS DMHS DM52 Merchandising Concentration

HS DMHS DM03 MAJOR IN INTERIOR DESIGN – B.S. (50 0408)

HS DMHS DM31 *Minor in Merchandising*

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

Graduate Programs (only)

HS OEHS OE84 Student Affairs in Higher Education – M.S. (13 0406)
HS OEHS OE81 Education and Human Resource Studies – M.Ed. (13 1399)
HS OEHS OE90 Education and Human Resource Studies – Ph.D. (13 1399)

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

Adult Technical Education

HS OEHS OE01-AE

Agriculture

HS OEHS OE01-BE

Business Education

HS OEHS OE01-VH

Consumer and Family Studies

HS OEHS OE01-VM

Marketing Education

HS OEHS OE01-TI

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 0503)

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 0902)

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*

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)
Adult development and aging option
Child life/allied health option
Child education option
Programming for youth and families option
Teacher licensure in early childhood education option

DEPARTMENT OF MANUFACTURING TECHNOLOGY AND 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 MC12 PRE-MANUFACTURING TECHNOLOGY AND CONSTRUCTION
MANAGEMENT

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

HS ISHS IS03 MAJOR IN INDUSTRIAL TECHNOLOGY MANAGEMENT – B.S. (15 0603)
**(major being dropped effective SP04; no new students are being
admitted)**

HS ISHS IS02 MAJOR IN TECHNOLOGY EDUCATION AND TRAINING – B.S. (15 0603)
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 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)
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INTERDEPARTMENTAL

Undergraduate Programs

EG EGEG EG01	MAJOR IN ENGINEERING SCIENCE – <u>B.S.</u> (14 1301)
EG EGEG EG51	Engineering Physics Concentration
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)
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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)
EG CEEG CE90	Civil Engineering – <u>Ph.D.</u> (14 0801)
EG CEEG CE91	Bioresource and Agricultural Engineering – <u>Ph.D.</u> (14 0301)

Undergraduate Programs

EG CEEG CE01	MAJOR IN CIVIL ENGINEERING – <u>B.S.</u> (14 0801)
EG CEEG CE02	MAJOR IN BIORESOURCE AND AGRICULTURAL ENGINEERING – <u>B.S.</u> (14 0301)
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)
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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
AR SXAR SX54

MAJOR IN LIBERAL ARTS – B.A. (24 0101)

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 ART (AR)

Graduate Program

AR ARAR AR80 Art – M.F.A. (50 0701)

Undergraduate Programs

AR ARAR AR01 MAJOR IN ART – B.A. (50 0701)
AR ARAR AR50 Art Education Concentration
AR ARAR AR51 Art History Concentration
AR ARAR AR52 Studio Concentration

AR ARAR AR02 MAJOR IN ART – B.F.A. (50 0701)
AR ARAR AR53 Drawing Concentration
AR ARAR AR54 Fibers Concentration
AR ARAR AR55 Graphic Design Concentration
AR ARAR AR56 Metalsmithing Concentration
AR ARAR AR57 Painting Concentration
AR ARAR AR58 Photo Image Making Concentration
AR ARAR AR59 Pottery Concentration
AR ARAR AR60 Printmaking Concentration
AR ARAR AR61 Sculpture Concentration

AR ARAR AR30 *Minor in Art History*
AR ARAR AR31 *Minor in Studio Art*

DEPARTMENT OF ECONOMICS (EC)

Graduate Programs

AR ECAR EC80 Economics – M.A. (45 0601)
AR ECAR EC90 Economics – Ph.D. (45 0601)

Undergraduate Programs

AR ECAR EC01 MAJOR IN ECONOMICS – B.A. (45 0601)

AR ECAR EC30 *Minor in Economics*

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 0101)
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Undergraduate Programs

AR FLAR FL04	MAJOR IN LANGUAGES, LITERATURES, AND CULTURES – <u>B.A.</u> (16 0101)
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. (45 0801)

Undergraduate Programs

AR HYAR HY01 MAJOR IN HISTORY – B.A. (45 0801)
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 0501)

Undergraduate Programs

AR JTAR JT02 MAJOR IN TECHNICAL JOURNALISM – B.A. (09 0401)
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

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)
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 – <u>B.A.</u> (50 0901)
AR MUAR MU03 AR MUAR MU52 AR MUAR MU54	MAJOR IN PERFORMING ARTS – <u>B.A.</u> (50 0501) Dance Concentration (registered in AR MUAR MU03-D) Theatre Concentration (registered in AR MUAR MU03-TH)
AR MUAR MU31 AR MUAR MU33 AR MUAR MU34	<i>Minor in Music</i> <i>Minor in Theatre-Acting/Directing</i> <i>Minor in Theatre-Design/Technical Theatre</i>

DEPARTMENT OF PHILOSOPHY (PL)

Graduate Program

AR PLAR PL80	Philosophy – <u>M.A.</u> (38 0101)
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Undergraduate Programs

AR PLAR PL01 AR PLAR PL50 AR PLAR PL52 AR PLAR PL53	MAJOR IN PHILOSOPHY – <u>B.A.</u> (38 0101) General Philosophy Concentration Philosophy and Religion Concentration Philosophy, Science, and Technology Concentration
AR PLAR PL30 AR PLAR PL31	<i>Minor in General Philosophy</i> <i>Minor in Religious Studies</i>

DEPARTMENT OF POLITICAL SCIENCE (PO)

Graduate Programs

AR POAR PO80	Political Science – <u>M.A.</u> (45 1001)
AR POAR PO90 AR POAR PO9A	Political Science – <u>Ph.D.</u> (45 1001) 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 AR S AR S 50 AR S AR S 51	MAJOR IN SOCIOLOGY – <u>B.A.</u> (45 1101) Criminal Justice Concentration General Sociology Concentration
AR S AR S 30	<i>Minor in Sociology</i>

DEPARTMENT OF SPEECH COMMUNICATION (SP)

Graduate Program

AR SPAR SP80

Speech Communication – M.A. (23 1001)

Undergraduate Programs

AR SPAR SP01

AR SPAR SP52

AR SPAR SP53

AR SPAR SP54

AR SPAR SP51

MAJOR IN SPEECH COMMUNICATION⁴ - B.A. (23 1001)

Communication in Media Concentration

Communication Theory Concentration

Rhetoric Concentration

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. (02 0409)
FR FSFR WR80 Watershed Science – M.S. (40 0703)
FR FSFR F 90 Forest Sciences – Ph.D. (03 0502)
FR FSFR RS90 Rangeland Ecosystem Science – Ph.D. (02 0409)

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 0201)

FR FSFR RS02 MAJOR IN RANGELAND ECOLOGY – B.S. (02 0409)
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. (40 0703)

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 0703)

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 9999)
FR RRRR RR90 Recreation Resources – Ph.D. (31 9999)

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. (40 0101)
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 MAJOR IN BIOLOGICAL SCIENCE – B.S. (26 0101)
NS BYNS BY02 MAJOR IN BOTANY – B.S. (26 0301)
NS BYNS BY03 MAJOR IN ZOOLOGY – B.S. (26 0701)

NS BYNS BY30
NS BYNS BY31

Minor in Botany
Minor in Zoology

DEPARTMENT OF CHEMISTRY (C)

Graduate Programs

NS C NS C 80 Chemistry – M.S. (40 0501)
NS C NS C 90 Chemistry – Ph.D. (40 0501)

Undergraduate Programs

NS C NS C 01 MAJOR IN CHEMISTRY – B.S. (40 0501)
 NS C NS C 50 ACS Certified Concentration
 NS C NS C 51 Non-ACS Certified Concentration

NS C NS C 30 *Minor in Chemistry*

DEPARTMENT OF COMPUTER SCIENCE (CS)

Graduate Programs

NS CSNS CS80 Computer Science – M.S. (11 0101)
NS CSNS CS81 Computer Science – M.C.S. (11 0101)
NS CSNS CS90 Computer Science – Ph.D. (11 0101)

Undergraduate Programs

NS CSNS CS01 MAJOR IN COMPUTER SCIENCE⁵ - B.S. (11 0101)
 NS CSNS CS50 Computational Statistics Concentration

NS CSNS CS30 *Minor in Computer Science*

DEPARTMENT OF MATHEMATICS (M)

Graduate Programs

NS M NS M 80 Mathematics – M.S. (27 0101)
NS M NS M 81 Mathematics – M.A.T. (27 0101)
NS M NS M 90 Mathematics – Ph.D. (27 0101)

Undergraduate Programs

NS M NS M 01 MAJOR IN MATHEMATICS – B.S. (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 55 Statistics Concentration

NS M NS M 30 *Minor in Mathematics*

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

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>
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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)
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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>
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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. (51 1399)
VM BSVM BS90 Biomedical Sciences – Ph.D. (51 1399)

Undergraduate Program

VM BSVM AY30 *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 – M.S. (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 – M.S. (26 0611)

VM ERVM EH90 Environmental Health – Ph.D. (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 – Ph.D. (26 0611)

Undergraduate Program

VM ERVM EH01

MAJOR IN ENVIRONMENTAL HEALTH – B.S. (51 2202)

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

Graduate Programs

VM MPVM MB80

Microbiology – M.S. (26 0501)

VM MPVM MB90

Microbiology – Ph.D. (26 0501)

VM MPVM PA90

Pathology – Ph.D. (26 0501)

Undergraduate Program

VM MPVM MB01

MAJOR IN MICROBIOLOGY – B.S. (26 0501)

VM MPVM MB30

Minor in Microbiology