

Academic Advisement Center
SUNY College at Oneonta
CURRICULUM MINORS

Revised October 2010

DEPARTMENTAL MINORS

ALS	Africana & Latino Studies	MUSP	Music Performance
ANTH	Anthropology	MUST	Music Theory
HEAT	Apparel & Textiles	NUTR	Nutrition
ART	Art	OED	Outdoor Education
ARTH	Art History	PRTR	Personal Training
ASTR	Astronomy	PHIL	Philosophy
BIOL	Biology	PHYS	Physics
BUS	Business	POLS	Political Science
CHEM	Chemistry	SOCL	Sociology
COMM	Communication Studies	SPAN	Spanish
CART	Computer Art	SMGT	Sports Management
CIT	Computer Information Tech.	THTR	Theatre
CLST	Classical Studies	STAT	Statistics
CSCI	Computer Science	GOGP	Urban & Regional Planning
CWRT	Creative Writing	WTRI	Water Resources
CRJ	Criminal Justice		
HEMG	Consumer Resource Man.		
DOC	Documentary		
ESCI	Earth Science		
ECON	Economics		
EPSY	Educational Psychology		
ENGL	English		
NGRY	Energy		
ENEB	Environmental Biology		
ENEP	Environmental Planning		
FILM	Film		
FREN	French		
GOGI	Geog. Information Systems		
GEOG	Geography		
GEOL	Geology		
HIST	History		
JRNL	Journalism		
MASS	Mass Communication		
MATH	Mathematic		
METR	Meteorology		
MUSL	Music Literature		

INTERDEPARTMENTAL MINORS

ADVT	Advertising
AAP	Audio Arts Production
BCOM	Business Communication
CDVE	Child Development
DANC	Dance
ECHD	Early Childhood Education
GERT	Gerontology
WELL	Health & Wellness
LING	Linguistics
PREL	Public Relations
RELS	Religious Studies
URBS	Urban Studies
WSST	Women's & Gender Studies

This interdisciplinary minor not only provides an appreciation of the heritage of Africana & Latino peoples, but is a complement to several majors, especially those seeking careers in education, social services, law, and the entertainment industry. Students planning to complete requirements for this minor must make all arrangements with the Africana & Latino Studies Department, 335 Fitzelle, 607.436.3449.

Required Courses

6 s.h.

ALS 100 Intro to the Africana-Latino Studies Experience

ALS 395 Senior Seminar in Africana and Latino Studies (completion of 15 s.h. in the major and/or permission of department)

Selections

12 s.h.

Select **two** of the following:

ALS/PHIL 160 Urban Philosophical Dilemmas

ALS/MCOM 208 African-Americans & Latinos in Film & TV (SoS, or 3 s.h. THTR or MCOM)

ALS/PHIL 259 Democracy & Race (SoS)

ALS/PHIL 260 Philosophy of Protest (SoS)

ALS 262 Topics in Racism (SoS)

ALS 273 Race, Gender, Class & Culture

ALS/FAMS 361 American Families in Poverty (FAMS 160, PSYC 100, SOCL 100 or ALS 100 & 9 s.h. of 200- level CHLD, FAMS, SOCL, and/or PSYC)

GEOG 238 Geography of Developing Regions (SoS or GEOG 100)

SOCL 261 Sociology of Ethnic Relations (3 s.h. SOCL)

SOCL 279 Race, Crime & Justice (3 s.h. SOCL or permission of instructor)

WMST 269 Women of Color in US

WMST 290 Women, Race & Representation: An Intro

WMST 291 Women, Race & Representation: Sexuality

Select **two** of the following from any combination of the **two** subsets:

Africana Studies

ALS/ANTH 202 People & Culture of Africa (SoS)

ALS/ANTH 203 People & Cultures of the Caribbean (SoS)

ALS 207 Black Drama

ALS/ANTH 212 Music of the Caribbean (SoS)

ALS 251 Pan Africanism (SoS)

ALS 266 The African American Experience (PSYC 100)

ALS 278 African Atlantic: Popular Culture

ALS 279 Hip-Hop Culture

ALS/HIST 104 Intro to African History

ALS/HIST 215 History of the Modern Middle East & North Africa (SoS or 3 s.h. 100- level HIST)

ALS/HIST 219 Africa Since 1800: Identities (SoS or 3 s.h. 100- level HIST)

ALS/HIST 263 African American History I (SoS or 3 s.h. 100- level HIST)

ALS/HIST 264 African American History II (SoS or 3 s.h. 100- level HIST)

ALS/HIST 274 Gender & Power in Africa (SoS)

ALS/HIST 275 South Africa: Race & Resistance Since 1800 (SoS or 3 s.h. 100- level HIST)

ALS/HIST 276 History of Slavery (SoS or s.h. 100- level HIST)

ALS/HIST 292

ALS/POLS 211 Contemporary Black Social & Political Thought (SoS)

ALS/POLS 265 African Politics (SoS or 3 s.h. POLS)

ALS/ALIT 250 African American Literature (COMP 100 or ALS 100 or permission of instructor)

This minor is available only to students who major in Communication Studies. Students in Communication Studies may specialize in a more focused understanding of the ways in which persuasion and argumentation are employed in the modern advertising campaigns. This minor is designed to take the basic understanding of our Communication Studies major and continue them in a more advanced experience and understanding in advertising. For further information contact the Communication Arts Department, B-12 IRC, 607.436.3411.

Required Courses

12 s.h.

COMM 225 Argumentation (SoS or 3 s.h. COMM)

COMM 270 Persuasion in Everyday Life (SoS or 3 s.h. COMM or MCOM)

COMM 277 Creating Persuasive Campaigns (SoS & 6 s.h. COMM)

MCOM 252 Writing for Radio, Television, and Film (SoS & COMP 100)

Selections

6 s.h.

CART 201 Intro to Computer Art (ARTS 140 or ARTS 141)

COMP 150 Intro to Creative Writing (COMP 100)

MCOM 105 Intro Mass Media Law and Regulation

MCOM 253 Audio Production (SoS & MCOM 151)

MCOM 260 Multi Camera Video Production **or** (SoS or 3 s.h. THTR, COMM or MCOM)

MCOM 261 Videography and Digital Editing (permission of instructor & 3 s.h. COMM)

PHIL 103 Critical Thinking

PHIL 231 Media Ethics (SoS)

PSYC 267 Psychological Perspective in Advertising (PSYC 100 with a grade of C or better)

TOTAL

18 s.h.

Additional Requirements:

Students are encouraged to complete at least 6 s.h. of internship, in an advertising or related organization, as elective credit for their Communications Studies major.

NOTES:

4. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
5. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Anthropology is open to all undergraduates, and it provides for a selection of course in cultural and physical anthropology, archaeology, and pre-history. Although, there is no rigid sequence which must be followed, students should plan their course selections carefully so that prerequisites are taken care of. For further information contact the chairperson of the Anthropology Department, 330D Fitzelle, 607.436.2456.

Required Courses Select **two** of the following:

6 s.h.

ANTH 100 Intro to Cultural Anthropology
ANTH 120 Intro to Linguistic Anthropology
ANTH 130 Intro to Biological Anthropology
ANTH 140 Intro to Archaeology

Selections Select **four** of the following:

12 s.h.

ANTH 201 North American Indian (SoS)
ANTH 202/ALS 202 Peoples and Cultures of Africa (SoS)
ANTH 203/ALS 203 Peoples and Cultures of the Caribbean (SoS)
ANTH 210 Anthropological Folklore (SoS)
ANTH 211 Religion, Magic and Myth (SoS)
ANTH 212/ALS 212 Music of the Caribbean (SoS)
ANTH 214 Culture and Personality (SoS)
ANTH 215 American Popular Culture
ANTH 217 Visual Anthropology (SoS)
ANTH 219 Anthropology of Death (SoS)
ANTH 221 Anthropology of Gender (SoS)
ANTH 227 Cultural Identities (SoS)
ANTH 228 Globalization & Culture (ANTH 100)
ANTH 229 Critique of Civilization (ANTH 100 or 105 or 140)
ANTH 230/PSYC 230 Primate Behavior (ANTH 100 or 130 or PSYC 100)
ANTH 232 Human Biology and Culture Change (SoS)
ANTH 233 Genetics and Human History (SoS)
ANTH 236 Health and Healing in Cross-Cultural Perspective (ANTH 100 or 130)
ANTH 238 Anthropology of Reproduction (ANTH 100)
ANTH 239 Humans in Evolutionary Perspective (ANTH 101 or ANTH 130)
ANTH 244 Old World Prehistory (ANTH 140)
ANTH 245 North American Archaeology (ANTH 140)
ANTH 250 Anthropology of the Southwest (SoS)
ANTH 251 Mesoamerican Archaeology (ANTH 140)
ANTH 252 The Incas & Their Ancestors (SoS, ANTH 100 or 140)
ANTH 294 Special Topics in Anthropology (varies with content of course)
ANTH 299 Independent Study in Anthropology (SoS, permission of instructor)
ANTH 312 Exhibiting Cultures in Museums (SoS, ANTH 100 or 130 or 140)
ANTH 325 Applied Anthropology (SoS, ANTH 100 or 130)
ANTH 330 Human Evolution (ANTH 101 or ANTH 130)
ANTH 331 Human Skeletal Anatomy (JrS, ANTH 130 or BIOL 100)
ANTH 332 Human Population Genetics (ANTH 130 or BIOL 212)
ANTH 333 Human Biological Variation (ANTH 130)
ANTH 339 Primate Behavior Field Course (SoS, ANTH 130 and permission of instruction)
ANTH 341 Zooarchaeology (ANTH 140)
ANTH 342 Understanding Stone Tools (ANTH 140)
ANTH 343 Laboratory Methods in Historical Archaeology (ANTH 140)

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**Curriculum Minor
ANTHROPOLOGY-ANTH**

ANTH 345 Field School in Archaeology (ANTH 140 or permission of instructor)

ANTH 355 Field Methods in Cultural Anthropology (ANTH 100 & permission of instructor)

ANTH 390 Issues in Anthropology (JrS or SrS & 18 s.h. of ANTH)

ANTH 393 History of Anthropological Thought (JrS, 18 s.h. ANTH)

ANTH 395 Teaching Assistantship in Anthropology (18 s.h. ANTH & permission of instructor)

ANTH 397 Internship in Anthropology (JrS 12 s.h. ANTH & permission of instructor)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Apparel and Textiles is open to all undergraduates **except** students in the Human Ecology: Apparel & Textiles. It consists of 12 semester hours of required courses and 6 semester hours of student-selected courses. The minor is designed to provide a focus for students interested in fashion. It should be of particular interest to majors in Art, Business, Psychology, and Sociology. Students planning to complete requirements for this minor must declare their intentions at an early point to facilitate advisement. Forms for this purpose may be picked up at Human Ecology Department Office, 100 Human Ecology, 607.436.2705.

Required Courses

12 s.h.

FASH 120 Socio-Psychological Aspects of Dress
FASH 121 Apparel Construction **or**
FASH 123 Quality Analysis of Apparel Products
FASH 220 Textile Science (PHYS 100 or CHEM 100 or CHEM 111)
FASH 224 History of Costume I (FASH 120 or ARTH 109 or ARTH 110)

Selections Select **two** of the following:

6 s.h.

FASH 121 Apparel Construction **or** (ECON 110 and FASH 120)
FASH 123 Quality Analysis of Apparel Products
FASH 221 Apparel in Today's Economy (ECON 110 & FASH 120)
FASH 222 Apparel Design – Flat Pattern (FASH 121)
FASH 223 Computer Applications: Fashion (FASH 121 or FASH 123)
FASH 226 Apparel Design – Draping (FASH 121)
FASH 228 Fashion Design and Illustration (Studio Art course or FASH 120)
FASH 229 Fashion Marketing (FASH 120 & ECON 110)
FASH 230 Computer Integrated Fashion Merchandising (FASH 123)
FASH 300 Fashion Journalism (JrS, FASH 120 & COMP 100, passing grade on the CWE)
FASH 323 Promotional Techniques in Apparel Industry (FASH 120 & CONS 150 or MGMT 261)
FASH 324 Fashion Merchandising (FASH 120 & ECON 110)
FASH 326 Advanced Computer Fashion Design (FASH 222)
HUEC 210 Retail Management (ECON 110)
HUEC 211 Service Industries Supervision (CONS 150)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. CHEM 100 or 111 **or** PHYS 100 **and** ECON 110 are required prerequisites and may be taken as part of the General Education 2000.
4. FASH 121/123 cannot be used twice.

This minor may be of particular interest to students majoring in Elementary Education. It is open to students having other major as well. In each case, interested students should contact the Art Department, 222 Fine Arts, 607.436.3717.

Required Courses

12 s.h.

ARTH 200 The Language of the Visual Arts **or** (SoS)
ARTS 130 Intro to 3-D Design

ARTH 109 Survey of the Visual Arts I **or**
ARTH 110 Survey of Visual Arts II
(preferred first Art History course)

ARTS 140 Two-Dimensional Design **and**
ARTS 141 Drawing I

Selections

12 s.h.

Any ARTH, ARTS, CART courses different from the above list

TOTAL

24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is open to all **except** Art History majors. Interested students should contact the Art Department, 222 Fine Arts, 607.436.3717.

Required Courses

9 s.h.

ARTH 109 Survey of the Visual Arts I
ARTH 110 Survey of the Visual Arts II
ARTH 200 Language of the Visual Arts (SoS)

Selections Select **three** of the following:

9 s.h.

ARTH 209 History of Greek and Roman Art (ARTH 109 or 110)
ARTH 212 History of European Medieval Art (ARTH 109 or 110)
ARTH 213 History of Italian Renaissance Art (ARTH 109 or 110)
ARTH 214 History of Northern Renaissance Art (ARTH 109 or 110)
ARTH 215 Art of the 17th Century Europe (ARTH 109 or 110)
ARTH 216 History of 19th Century European Painting (ARTH 109 or 110)
ARTH 217 History of American Art – Painting (ARTH 109 or 110)
ARTH 218 History of 20th Century (ARTH 109 or 110)
ARTH 219 Contemporary Art Since 1945 (ARTH 109 or 110)
ARTH 220 Images of Women in Western Art (ARTH 109 or 110)
ARTH 221 History of Photography
ARTH 294 Art History – Special Topics (SoS & permission of department)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Astronomy is open to all interested undergraduates, and is designed to enable students to increase their understanding of Astronomy by taking an integrated sequence of courses. It provides the opportunity for additional preparation for secondary science majors who will be teaching Astronomy. Students interested in completing this minor must follow an individually planned sequence of courses; they should consult the Physics and Astronomy Department Chairman in 120E Physical Science, 607.436.3192 for details on course sequences and times when courses will be taught.

Required Courses

18-20 s.h.

PHYS 103 General Physics I **or**

PHYS 203 General Physics (MATH 173 completed or concurrent)

PHYS 104 General Physics II (non-calculus) **or** (PHYS 103)

PHYS 204 General Physics II (PHYS 203; MATH 174 completed or concurrent)

The above basic Physics courses must be completed before or during the same semester with the first Astronomy course taken in this minor.

ASTR 270 Our Solar System (PHYS 103 or 203 completed or concurrent)

ASTR 271 Stars and Galaxies (PHYS 104 or 204 completed or concurrent)

ASTR 273 Planetarium Operation **or**

ASTR 360 Observational Methods (ASTR 270 & 271)

ASTR 376 Topics in Modern Astronomy (ASTR 270 & 271)

TOTAL

18-20 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Although there are no math prerequisites for the Astronomy minor, students should complete one semester of calculus before completing the minor.
4. The only courses for which transfer credit will be allowed are PHYS 103 or 203, and PHYS 104 or 204.

This minor is open only to students who are enrolled in the Music Industry Major. This minor will provide a more in-depth understanding of acoustics and sound design, as well as a modern theoretical approach to technology in the industry. This minor will involve 24 hours of credit work. Six hours of overlap are allowed between the major and the minor. For further information contact the Music Industry Department, 115 Fine Arts, 607.436.3415.

Required Courses

18 s.h.

MUSC 192 Audio Arts Production I

MUSC 292 Audio Arts Production II (SoS, MUSC 139, Beginning Piano, or permission of instructor)

MUSC 392 Audio Arts Production III

MUSC 393 Audio Arts Production IV (SoS, MUSC 192 & 292 or permission of instructor)

MUSC 395 Teaching Assistantship (competence in the subject area, recommendation of faculty sponsor, and approval of department chair)

Selections Select **one** of the following:

3 s.h.

PHYS 100 Introductory Physics

PHYS 103 General Physics I

Elective

3 s.h.

One 3 s.h. course chosen by advisement

TOTAL

24 s.h.

Teaching Assistantship Requirement:

Students taking this minor will be required to register for a total 6 s.h. of MUSC 295 – Teaching Assistantship in Audio Arts Production I. The numbers of credits the student will take each semester to fulfill the 6 s.h. will depend on his or her schedule of classes and advisement.

Internship

Music Industry majors must complete a 4 s.h. internship (field experience). Students taking this minor will be encouraged to do so in a recording studio or audio production house.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Students planning to complete the requirements for this minor must make all arrangements with the Biology Department 112 Science I, 607.436.3703.

Required Courses

8 s.h.

BIOL 180 General Biology I
BIOL 200 General Biology II (BIOL 100 or ENVS 101)

Selections

12-16 s.h.

Select **four** of the following (at least 2 laboratory/field courses and at least 3 200- or 300- level courses):

BIOL 101* Plant Biology
BIOL 106 Genetics and Society
BIOL 123 Intro to Evolution
BIOL 201* General Biology III (BIOL 200)
BIOL 202 Intro To Human Anatomy and Physiology (BIOL 100)
BIOL 203* Elementary Microbiology (BIOL 100 & CHEM 111)
BIOL 205** Human Anatomy and Physiology I (BIOL 200 & CHEM 111)
BIOL 206** Human Anatomy and Physiology II (BIOL 205)
BIOL 207 Biology of Cancer (BIOL 180)
BIOL 212* General Genetics (BIOL 200)
BIOL 216 Evolution (BIOL 200)
BIOL 220* Economic Botany (BIOL 200)
BIOL 231* Physiology of Exercise (BIOL 200 or 205)
BIOL 232* Plant Anatomy (BIOL 200)
BIOL 236* Vascular Botany (BIOL 200)
BIOL 238 Natural History of Woody Plants (BIOL 200)
BIOL 242* Invertebrate Zoology (BIOL 200)
BIOL 244* A Natural History of Insects (6 s.h. of BIOL)
BIOL 250* Natural History of Vertebrates (BIOL 200)
BIOL 252* Ornithology (BIOL 100)
BIOL 259 Marine Biology (BIOL 200 or OCEA 210)
BIOL 282* General Ecology (BIOL 200)
BIOL 286 Intro To Environmental Pollution (3 s.h. in college science)
BIOL 294 Special Topics in Biology (SoS & BIOL 200)
BIOL 298 Undergraduate Seminar (3 s.h. BIOL and permission of instructor)
BIOL 299 Independent Study in Biology (advanced standing and department permission)
BIOL 311 Human Genetics (BIOL 212)
BIOL 312* DNA Laboratory (BIOL 201)
BIOL 320* Field Botany (BIOL 200 and a 200- level BIOL)
BIOL 333* Regional Biology of Rocky Mtns. (3 s.h. BIOL & permission of the instructor. Corequisite: GEOL 333)
BIOL 338* Coastal Ecology of N.E. N. America (one 3 s.h. BIOL and 9 s.h. in Science, and permission of instructor. Corequisite: GEOL 338, 3 s.h.)
BIOL 340* Molecular Biology (BIOL 201 or 212)
BIOL 346* Parasitology (BIOL 200)
BIOL 350 Immunology (BIOL 212)
BIOL 351* Biology of Fish (BIOL 200)
BIOL 356* Animal Behavior (BIOL 200 and a 200- level BIOL)
BIOL 362* Microbiology (BIOL 200 and one of the following: BIOL 201, 212, CHEM 221,226)
BIOL 367* Aquatic Pollution (BIOL 200 and CHEM 112)

BIOL 370* General Physiology (BIOL 200 and CHEM 226)
BIOL 373* Plant Growth and Development (BIOL 200 and CHEM 221 or 226)
BIOL 380* Cell Biology (BIOL 200 & CHEM 221)
BIOL 381* Plant Ecology (BIOL 282)
BIOL 383* Wetland Environments and Delineation (BIOL 282 or GEOL 226)
BIOL 384* Aquatic Invertebrate Ecology (BIOL 200)
BIOL 385* Limnology (BIOL 282 or GEOL 382)
BIOL 386 Seminar in Conservation Biology (BIOL 282 or ENVS 101 and 201)
BIOL 388* Stream Ecology (BIOL or GEOL 382)
BIOL 394 Special Topics in Biology (JrS and BIOL 200)
BIOL 397 Internship in Biology
BIOL 398 Undergraduate Seminar (JrS, two 200- level BIOL and permission of department)
BIOL 399 Independent Study in Biology (JrS and permission of department)

TOTAL

20-24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * Laboratory/ Field courses
4. ** To receive credit for BIOL 205 in the selection, the sequel course BIOL 206 must also be taken.
5. BIOL 202 and 205 cannot both be used for minor field credit
6. BIOL 203 and 362 cannot both be used for minor field credit.
7. Total credits in the following list cannot exceed 3 s.h. of the total selection requirement.
8. Two courses must involve laboratory **or** field experience.
9. Three courses must be at the 200 or 300 level.

This minor is open to all undergraduates except Accounting and Business Economics majors. The Business minor provides students with a solid foundation in the functional disciplines of economics and business. The capstone course applies that foundation knowledge to business problems and gives students the opportunity to do a project that is relevant to their major. Students planning to complete the requirements for this minor must make all arrangements with the Division of Economics and Business, 226 Netzer, 607.436.3458.

Required Courses

24 s.h.

ACCT 100 Financial Accounting

ACCT 122 Managerial Accounting (ACCT 100 or (ACCT 11E & ACCT 101) or (ACCT 11E & 12E) with a grade of C or better & INTD 107 or CSCI 100)

BUS 300 **Case Studies in Business (capstone) (ACCT 100, 122, ECON 110 (or ECON 111 & ECON 112), FINC 231, MKTG 261, MGMT 241, LAW 222 (LAW 222 may be taken concurrently) all with grade of C or better, & JrS) ECON 110 *Principles of Economics

FINC 231 Corporation Finance (ACCT 100 & ECON (112 or 110) with a grade of C or better; STAT 101 or PSYC 110; & INTD 107 or CSCI 100)

LAW 222 Business Law (SoS, ACCT 100 or ECON 111, 112 or 110 with a grade of C or better or BUS 111)

MGMT 241 Fundamentals of Management (SoS, ACCT 100 or ECON 111, 112, or ECON 110 with a grade of C or better or BUS 111)

MKTG 261 Fundamentals of Marketing (SoS & ECON 110 or ECON 111 with a grade of C or better)

Selections

4 s.h.

INTD 107 ***Intro to Spreadsheets

PSYC 110 Statistics in Psychology **or**

STAT 101 Intro to Statistics (Regents course III or Course B or MATH 104)

TOTAL**28 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * ECON 111 and 112 maybe substituted for ECON 110. In that event, the total will be 27 s.h. and the overall total will be 31 s.h.
4. **A 2.00 GPA in the Business minor is a prerequisite for the capstone course. BUS 300 must be taken in residence.
5. ***CSCI 100 Intro. to Computer Tech maybe substitute for this course.
6. Students planning to complete any minor(s) should declare their intentions at an early point to facilitate advisement. Students must begin the Business minor in the first semester of junior year in order to complete it. Students should seek the assistance of an advisor in the Division. Some majors require additional courses in Economics & Business than those listed above. According to College policy, students who are not Accounting or Business Economics majors cannot take more than 30 s.h. in this Division; therefore those seeking the Business minor should carefully plan their course selections for their major and this minor. Transfer students whose transfer courses accepted as equivalent to courses offered by this Division and Oneonta courses mandated as requirements in a major outside the Division may be ineligible for this minor because of the 30 s.h. rule. Students who have earned elective courses from this Division may be ineligible for this minor.

Both business and industry recognize the importance of communication. Top and middle management personnel and employees are increasingly aware of their essential interdependences. The Business Communication minor is open to all undergraduates. It offers an integrated program of study in areas which provide necessary information and insights for students majoring in business, economics, and professional accountancy, as well as for students whose career orientation is in corporate or organizational work. The minor is designed to increase the marketability of students by developing their communicative skills and their abilities to analyze communication situations. Interested students are expected to register their intent to undertake the minor and to obtain further information prior to beginning the course sequences. For further information contact the Communication Arts Department, B-12 IRC, 607.436.3411.

Required Courses

12 s.h.

BUS 111 Intro to Business

COMM 255 Organizational Communication (SoS or 3 s.h. COMM)

COMP 100 Composition

MGMT 241 Fundamentals of Management (SoS, ACCT 100 or ECON 111, 112 or ECON 110 with a grade of C or better, or BUS 111)

Selections Select one of the following:

9 s.h.

COMM 220 Public Speaking (SoS or 3 s.h. COMM)

COMP 227 Discussion

Select one of the following:

BUS 240 Writing for Business and Professions (COMP 100 & passing grade on the CWE)

COMP 200 Advanced Composition (COMP 100 or equivalent)

Select one of the following:

ACCT 100 Fundamentals of Accounting

COMM 244 Resolving Conflict Through Communication

CSCI 100 Intro to Computing Technology

PSYC 204 Industrial Psychology (PSYC 100 with a grade of C or better)

SOCL 262 Organizations (3 s.h. SOCL)

SOCL 263 Sociology of Work

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Chemistry consists of a year of General Chemistry plus student selection from a variety of upper division courses. The minor is open to all undergraduates **except** Chemistry majors, and of particular value to students majoring in fields related to chemistry, such as biology, the earth sciences, physics, and the pre-professional programs in the health sciences and engineering. Students planning to complete requirements for a Chemistry minor must make all arrangements with the Chairperson of the Chemistry Department, 120 Physical Science, 607.436.3193.

Required Courses

8 s.h.

CHEM 111 General Chemistry I (high school Chemistry)

CHEM 112 General Chemistry II (CHEM 11)

Selections

10 s.h.

CHEM 214 Environmental Chemistry (CHEM 112)

CHEM 221 Organic Chemistry (CHEM 112)

CHEM 226 Elementary Organic Chemistry (CHEM 112)

CHEM 241 Descriptive Inorganic Chemistry (CHEM 111)

CHEM 242 Inorganic Chemistry Lab (CHEM 241)

CHEM 315 Environmental Health Chemistry (CHEM 112 & one semester of organic chemistry)

CHEM 322 Organic Chemistry II (CHEM 221)

CHEM 323 Advanced Organic Chemistry (CHEM 322)

CHEM 324 Physical Organic Chemistry (CHEM 322 & CHEM 351 with a grade of B or better)

CHEM 325 Industrial Organic Chemistry

CHEM 330 Intro Biochemistry (CHEM 226 or CHEM 221)

CHEM 332 Biochemistry II (CHEM 330 & CHEM 322)

CHEM 333 Macromolecular Biochemistry

CHEM 342 Theories of Inorganic Chemistry (CHEM 352)

CHEM 350 Elementary Physical Chemistry (CHEM 221 or CHEM 226 & PHYS 103 or PHYS 203 & MATH 174)

CHEM 351 Physical Chemistry I (MATH 174 & PHYS 204 with a grade of B or better)

CHEM 352 Physical Chemistry II (CHEM 351 & CHEM 354 with a grade of B or better)

CHEM 353 Physical Chemistry III (CHEM 352. Differential equations recommended)

CHEM 361 Analytical Chemistry I (CHEM 112)

CHEM 362 Analytical Chemistry II (CHEM 361, PHYS 204)

CHEM 399 Independent Study in Chemistry (JrS, permission of instructor & department chair)

TOTAL**18 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Up to 8 hours of approved chemistry courses can be transferred from another institution.

October 10

Much interest and scholarly activity have centered on the development of children coupled with studies of their physical, intellectual, social, emotional, and recreational makeup. The interdepartmental minor in Child Development, open to all under-graduates, offers a cohesive program of study with built-in flexibility to allow adaptation to student's interests and needs. The minor is cosponsored by Education, Educational Psychology and Counseling, and Human Ecology Departments. For further information contact Dr. Theresa Russo, Human Ecology Department, 118D Human Ecology, 607.436.2450.

Required Courses

9 s.h.

ANTH 214 Culture and Personality **or** (SoS)
SOCL 280 Society and the Individual (3 s.h. SOCL)

CHLD 170 The Child in the Family

EPSY 240 Child Growth and Development **or** (SoS)
PSYC 240 Development Psychology (PSYC 100 with a grade of C or better)

Selections Select **four** of the following:

12 s.h.

ANTH 100 Intro to Cultural Anthropology
CHLD 271 Cognitive Development of Preschool Child (CHLD 170 & 3 s.h. PSYC)
CHLD 272 Parent Education (CHLD 170 or PSYC 240 or EPSY 240)
CHLD 274 Socialization Process in Child and Adolescents (CHLD 170 or PSYC 240 or EPSY 240)
CHLD 276 Self-Educational Development in a Cultural Context (CHLD 170 or PSYC 240 or EPSY 240)
CHLD 375 Development through Play (CHLD 170 or PSYC 240 or EPSY 240)
CHLD 376 Infant/Toddler Education (CHLD 170 or PSYC 240 or EPSY 240)
COMM 245 Communication Development in Children (SoS or 3 s.h. COMM)
COMM 247 Creative Dynamics (SoS or 3 s.h. COMM)
*EDUC 283 Intro to Preschool Education (JrS, with departmental approval)
EPSY 229 Survey of Exceptional Children (EPSY 275 & EPSY 240 or 250)
EPSY 234 Learning Disabilities (EPSY 229)
EPSY 235 Mental Retardation (EPSY 229)
EPSY 250 Adolescent Growth and Development (SoS)
PHED 200 Physical Education for Elementary School(SoS)
THTR 240 Theatre for the Classroom (SoS)

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * Open only to Education Majors, Child and Family Studies majors, or other majors with minor in Child Development with permission of instructor.

The Classical Studies Minor is designed to allow students to take a variety of courses that are grounded in a particular time period but not limited to a particular discipline. Such a minor is of interest and value to students in disciplines such as Anthropology, Art History, English, History, Philosophy, Political Science, Religious Studies, Romance Languages, and Theater. The Classical Studies Minor consists of 9 s.h. or required coursework in wither Greek or Roman history, a survey of Greek and Roman literatures, and Latin I (LATN 101). An additional 15 s.h. of electives are required, to be chosen from twelve course offerings from a range of departments.

Required Courses

9 s.h.

- *HIST 200 Greece: Achilles to Alexander (SoS) **or**
- *HIST 202 Roman Civilization (SoS or 3 s.h. 100- level HIST)
- LATN 101 Intro Latin I
- WLIT 212 Survey of Greek and Roman Literature

Selections Select **five** of the following:

15 s.h

- ARTH 109 Survey of Visual
- ARTH 209 History of Greek & Roman Art (ARTH 109 or 110)
- COMP 315 Early Literary Criticism: Imitating the Masters (COMP 100, LITR 100 or 150 & passing grade on the CWE)
- *HIST 200 Greece: Achilles to Alexander (SoS)
- *HIST 202 Roman Civilization (SoS or 3 s.h. 100- level HIST)
- LATN 102 Intro Latin II (LATN 101)
- PHIL 220 History of Philosophy I: Ancient Philosophical Thought
- POLS 201 Classical & Medieval Political Thought (SoS or 3 s.h. POLS)
- THTR 271 Theatre History I (SoS or 3 s.h. THTR or LITR)
- WLIT 225 The Greek Dramatists (COMP 100, LITR 100 or LITR 150)
- WLIT 227 Sex & Gender in Greek Literature (COMP 100. LITR 100 or LITR 150)
- WLIT 231 Mythology (COMP 100)

TOTAL

24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * HIST 200/202 fulfill a required course or an elective but not both.

October 10

The Communication Minor is a good selection for students in other majors who feel that their professional options would be increased with a demonstrated knowledge of the process of human communication, argumentation, persuasion, and public presentations. This minor is designed for students interested in a general communication background to compliment a wide variety of other majors. This minor is closed to Communication Studies majors. Students planning to complete the requirements for this minor must make the necessary arrangements through the Communications Arts Department, B-12 IRC, 607.436.3411.

<u>Selections</u> Select one of the following:	3 s.h.
COMM 100 Intro to Communication or COMM 160 Survey of Communication Arts	
Select one of the following:	3 s.h.
COMM 206 Freedom of Speech (SoS or 3 s.h. COMM) COMM 240 Theories of Interpersonal Communication (SoS or 3 s.h. COMM) COMM 254 Intercultural Communication (SoS)	
Select one of the following:	3 s.h.
COMM 215 Interviewing COMM 220 Public Speaking (SoS or 3 s.h. COMM) COMM 227 Discussion (SoS or 3 s.h. COMM) COMM 230 Text to Oral Performance (SoS or 3 s.h. COMM or THTR)	
Select one of the following:	3 s.h.
COMM 241 Gender Communication (SoS or 3 s.h. COMM) COMM 242 Nonverbal Communication (100-level COMM) COMM 243 Interpersonal Dyadic Communication (SoS or 3 s.h. COMM) COMM 244 Managing Conflict Through Communication COMM 255 Organizational Communication (SoS or 3 s.h. COMM)	
Select one of the following:	3 s.h.
MCOM 151 Understanding Mass Communication MCOM 252 Writing for Radio, Television, and Film (SoS & COMP 100) MCOM 253 Audio Production (SoS & MCOM 151) MCOM 260 Multi Camera Video Production (SoS or 3 s.h. THTR, COMM or MCOM)	
Select two courses from: Any COMM or MCOM different from the above list	6 s.h.
TOTAL	21-22 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

Students interested in this minor should contact the Art Department, 222 Fine Arts, 607.436.3717.

Required Courses

12 s.h.

ARTS 140 Two-Dimensional Design **or**
ARTS 141 Drawing 1

CART 201 Intro to Computer Art

Select **two** of the following:

- CART 204 3D Animation (CART 201)
- CART 205 Digital Video (CART 201)
- CART 206 Web Design (CART 201)
- CART 207 The Digital Print (CART 201)
- CART 208 Graphic/Publication Design (CART 201)
- CART 209 3D Modeling (CART 201)
- CART 210 Digital Photography (CART 201)
- CART 304 Advanced 3D Animation (CART 204)
- CART 305 Advanced Digital Video (CART 205)
- CART 306 Advanced Web Design (CART 206)
- CART 307 Advanced Digital Print (CART 207)
- CART 308 Advanced Graphic/Publications Design (CART 208)
- CART 309 Advanced 3D Modeling (CART 209)
- CART 310 Advanced Digital Photography (CART 210)

Selections Select **two** of the following:

6 s.h.

ARTH course **or**
CART courses (different from the above list) **or**
ARTS courses **or**
CSCI courses

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

COMPUTER INFORMATION TECHNOLOGY-CIT

If interested in this minor please contact the Math Department, 228 Fizzle, 607.436.3708.

Required Courses

18 s.h.

CSCI 109 Programming for Non-Majors (MATH 105)

CSCI 110 BASIC Programming

CSCI 200 Practical Computer Course (SoS)

CSCI 242 Intro to Data Base Using (CSCI 109 or 116 with a grade of C or better)

CSCI 243 Unix/VMS Operating Systems (CSCI 109 or 116 with a grade of C or better)

CSCI 245 Intro to Web Programming (CSCI 109 or 110 or 116 with a grade of C or better)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Computer Science is open to all undergraduates, and it consists of five required courses and one student-selected course. It should be noted in the details below that college-level calculus is a prerequisite to some of the required credits in Computer Science. Consult the Computer Science Coordinator of the Mathematics, Computer Science, & Statistics Department, 228 Fitzelle, 607.436.3708, for more detailed information on options and suggested sequences. Students planning to complete requirements for a curriculum minor must make all arrangements with the Department Chairperson and Program Coordinator.

<u>Required Courses</u>	10 s.h.
CSCI 116 Fundamentals of Programming (MATH 105)	
CSCI 201 Computer Science Fundamentals (CSCI 116 with a grade of C or better)	
CSCI 203 Data Structures (CSCI 201 with a grade of C or better)	

<u>Selections</u> Select three of the following:	9-10 s.h.
CSCI 200 Practical Computer Course (SoS)	
CSCI 231 Assembly Language Programming (CSCI 201 with a grade of C or better)	
CSCI 232 Computer Architecture (CSCI 201 with a grade of C or better)	
CSCI 242 Intro to Data Base Using (CSCI 109 or 116 with a grade of C or better)	
CSCI 243 UNIX/VMS Operating Systems (CSCI 109 or 116 C or better)	
CSCI 250 Intro to Computer Graphics (CSCI 109 or 116 with a grade of C or better)	
CSCI 299 Independent Study (Permission of department)	
CSCI 310 Organization of Programming Languages (CSCI 203 with a grade of C or better)	
CSCI 311 Software Design and Development (CSCI 203 with a grade of C or better)	
CSCI 321 Numerical Computing (CSCI 116 with a grade of C or better)	
CSCI 322 Combinatorial Computing (CSCI 203 with a grade of C or better)	
CSCI 323 Modeling and Simulation (CSCI 116 with a grade of C or better & MATH 276)	
CSCI 324 Artificial Intelligence (CSCI 203 with a grade of C or better)	
CSCI 341 Compiler Construction (CSCI 203 with a grade of C or better)	
CSCI 342 Data Base Systems Design (CSCI 203 with a grade of C or better)	
CSCI 343 Operating Systems (CSCI 203 with a grade of C or better)	
CSCI 344 Intro to Computer Communications (CSCI 203 with a grade of C or better)	
CSCI 394 Special Topics (Dependent on topic)	
CSCI 399 Independent Study (JrS or SrS & permission of department)	
TOTAL	19-20 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

The Creative Writing minor is designed for those who wish to supplement their major academic work in another discipline by developing their interest or talent in writing fiction, poetry, or creative prose. The specific courses satisfying the requirements of the minor are to be selected under Departmental advisement from the following courses; all require permission of the instructor. Students planning to complete the requirements for this minor must make all arrangements with the English Department, 322 Netzer, 607.436.3446.

Required Courses

18 s.h.

COMP 150 Intro to Creative Writing (COMP 100)

COMP 260 Poetry Workshop (COMP 150 with a grade of B or better or permission of instructor)

COMP 270 Fiction Workshop (COMP 150 with a grade of B or better or permission of instructor)

COMP 275 Creative Non-Fiction Workshop (Passing grade on the CWE)

COMP 310 Screenwriting (COMP 150 with a grade of B or better)

COMP 399 Independent Study in Composition (COMP 100; COMP 200; or permission of instructor)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Arrangements for completing the requirements for this minor should be made with the Sociology Department Chairperson, 10 Schumacher, 607.436.3512.

Required Courses

12 s.h.

SOCL 100 Intro to Sociology
SOCL 175 Intro to Criminal Justice (3 s.h. SOCL)
SOCL 209 Social Research Methods (3 s.h. SOCL)
SOCL 270 Criminology (SOCL 100 with a grade of C or better)

Selections Select **three** of the following:

9 s.h.

ALIT 303 Literature of Imprisonment
POLS 243 Civil Rights and Liberties
POLS 245 Law, Courts, & Politics
SOCL 258 Drugs & Society (3 s.h. SOCL or EDUC 213)
SOCL 269 Integrity and Public Service (SOCL 100; SOCL 175)
SOCL 272 Societal Deviance (3 s.h. SOCL)
SOCL 274 Corrections (SOCL 175 & 3 s.h. SOCL)
SOCL 276 Multicultural Perspectives on Interrogation (SOCL 100; SOCL 175)
SOCL 277 Police & Society (s.h. SOCL)
SOCL 278 Prison & Prisoners in American Society (two introductory course in POLS, SOCL, or PSYC)
SOCL 279 Race, Crime, and Justice (3 s.h. of SOCL)
SOCL 304 The Sexual Offender (SOCL 175 & 3 s.h. of 100 level SOCL)
SOCL 305 Comparative Criminal Justice (3 s.h. SOCL & SOCL 175)
SOCL 307 Cults, Utopias & Criminals (3 s.h. of 200 level SOCL)

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

CONSUMER RESOURCE MANAGEMENT-HEMG

The minor in Consumer Resource Management is open to all undergraduates. It will enhance student understanding and knowledge of consumer-related issues impacting on financial matters of individuals and families. Students planning to complete the requirements for this minor must make the necessary arrangements through the Human Ecology Department, 100 Human Ecology, 607.436.2705.

Required Courses

12 s.h.

CONS 150 Consumer Resource Management

CONS 250 Personal Finance (ECON 110 or ECON 111 & 112)

CONS 252 Personal Law (SoS)

FAMS 361 American Families in Poverty (FAMS 160 or CHLD 170 and 3 s.h. 200 level social science with a grade of C or better)

Selections Select **two** of the following:

6 s.h.

CONS/FASH 281 Housing (6 s.h. FAMS, SOCL &/or ECON)

CONS 352 Gender and the Economics of Work (3 s.h. ECON & CONS 150 or 3 s.h. or Social Science)

FASH 221 Apparel in Today's Economy (ECON 110 & FASH 120)

FOOD 133 Community Food and Nutrition

HUEC 211 Food & Fashion Industry Supervision (CONS 150)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is open to all undergraduates and consists of courses related to the performance and production of dance and theatre. Consult with Physical Education and Theatre faculty members for addition information. Students planning to complete requirements for this minor should declare their intentions at an early point to facilitate advisement. Forms for this purpose are available from Al Sosa Minor Coordinator, Chase P.E. Room 200, 607.436.3595.

Required Courses

9 s.h.

THTR 104 Survey of Dance in America

PHED 237 Choreography-the Art & Process (SoS, PHED 131 or 132 or 136 or 139) **or**

THTR 218 Dance for Musical Theatre (SoS)

PHED 239 Biomechanics of Dance (BIOL 100)

Selections

11-12 s.h.

PHED 132 Ballet I **or**

PHED 232 Ballet (PHED 132)

Select **two** of the following (each must be a different dance style):

PHED 131 Modern Dance I **or**

PHED 231 Modern Dance II* (PHED 131)

PHED 133 Beginning Ballroom Dance **or**

PHED 234 Advanced Ballroom Dance* (PHED 133)

PHED 135 Folk Dance

PHED 136 Tap Dance I **or**

PHED 236 Tap Dance II* (PHED 136)

PHED 139 Jazz Dance I

THTR 397 Theatre Internship (Jrs)

TOTAL**20-21 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Theatre Majors- you must take THTR 218 for the Dance Minor Basic Requirements. If a student completes PHED 237 and then changes to a Theatre Major, PHED 237 will be accepted as meeting the choreography requirement.
4. * Students who have extensive Ballet, Modern Dance, Ballroom Dance, or Tap Dance experience may be able to have the prerequisite waived with instructor permission.

This minor is designed for students seeking to study the meaning and the making of creative non-fiction stories in video and audio formats. Students will gain a background in the history and philosophy of the mass media genre, as well as gain advanced-level skills in video documentary and audio documentary production. The minor will prepare students for professional work in documentary media-making and for advanced study in documentary media. If interested contact the Communications Department, B-12 IRC, 607.436.3411.

Required Courses

12 s.h.

MCOM 252 Writing for Radio, TV, and Film (SoS & COMP 100)

MCOM 279 The Documentary Tradition (SoS)

MCOM 353 Audio Documentary Production (SoS & MCOM 253)

MCOM 362 Video Documentary Production (SoS & MCOM 261)

Selections Select **two** of the following:

6 s.h.

COMM 215 Interviewing

COMM 241 Gender Communication (SoS or 3 s.h. COMM)

MCOM 208 African American & Latinos in Film and TV (SoS or 3 THTR or MCOM)

MCOM 256 Broadcast Announcing (SoS & COMM 100 or 172)

MCOM 258 New Media (SoS)

MCOM 259 Mass Media and Culture (MCOM 151)

MCOM 262 Reporting (JrS, COMP 100 & 3 s.h. humanities)

MCOM 280 Basic Film Production (SoS or 3 s.h. THTR or MCOM)

MCOM 281 Art of the Motion Picture (SoS or 3 s.h. THTR or MCOM)

MCOM 283 The Development of Film (SoS or 3 s.h. THTR or MCOM)

MCOM 284 Great Films of Great Directors (SoS or 3 s.h. THTR or MCOM)

MCOM 285 Film Genres (SoS or 3 s.h. THTR or MCOM)

MCOM 301 Broadcast Journalism (JrS, MCOM 151 & either MCOM 252, 253, 260, or 262)

MCOM 380 Advanced Film Production (JrS & MCOM 280)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This interdepartmental minor is designed for students who are interested in working with young children. Students need to meet the developmental needs of children from birth through age eight. The minor is co-sponsored by Education, Education Psychology and Counseling, and Human Ecology Departments. Interested students may obtain further information from Dr. Theresa Russo, Human Ecology Department, 118D Human Ecology, 607.436.2450.

Required Courses

9 s.h.

CHLD 170 The Child in the Family

CHLD 376 Infant and Toddler Education (CHLD 170 or EPSY 240 or PSYC 240)

*EDUC 283 Introduction to Preschool Education (JrS, with department approval)

Developmental Component

Select **one** of the following:

3 s.h.

CHLD 271 Cognitive Development of Preschool Children (CHLD 170 & 3 s.h. PSYC)

CHLD 274 Socialization Processes in Child Development (CHLD 170 or PSYC 240 or EPSY 240)

CHLD 276 Self-Emotional Development in a Cultural Context (CHLD 170 or PSYC 240 or EPSY 240)

CHLD 277 Children in Crisis (CHLD 170 or HECO 170 or PSYC 240 or EPSY 240)

*EDUC 284 Development of Language and Literacy (JrS, EPSY 275 or 240, passing grade on the CWE)

*EPSY 234 Learning Disabilities (EPSY 229)

Curriculum Component

Select **one** of the following:

3 s.h.

CHLD 375 Development Through Play (CHLD 170 or PSYC 240 or EPSY 240)

*EDUC 385 Early Childhood Education Seminar (JrS, with successful completion of application to candidacy)

THTR 240 Creative Dramatics (SoS)

Environmental Component

Select **one** of the following:

3 s.h.

CHLD 272 Parent Education (CHLD 170, or PSYC 240 or EPSY 240)

FAMS 360 Family in the Home and Community (FAMS 160 or CHLD 170 with a grade of C or better)

FAMS 361 American Families in Poverty (FAMS 160 or CHLD 170 with a grade of C or better)

FAMS 362 Issues in Family Life Education (9 s.h. FAMS, PSYC or SOCL)

NUTR 140 Nutrition I

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. *Open only to Education majors, Child and Family Studies majors, or other majors with minor in Early Childhood with permission of instructor.

No form or signature is necessary to begin, and no advisor has to be assigned; however, we would like to know of your intention once you decide to declare a minor. For further information and advisement for the minor, come to the Earth Science Department Office, 209 Science 1, 607.436.3707.

Required Courses

12 s.h.

ASTR 110 Introductory Astronomy
GEOL 120 Planet Earth
METR 110 Intro to Meteorology
OCEA 110 Intro to Oceanography

Selections Select from at least **two** fields listed below:

6-7 s.h.

ASTR 270 Our Solar System (PHYS 103 or 203 completed or concurrent)
ASTR 271 Stars and Galaxies (PHYS 104 or 204 completed or concurrent)
ESCI 210 Software Applications in Earth Science
GEOL 201 Environmental Geology (GEOL 120 or 115 or 150 or 182)
GEOL 214 Intro Ingenuous & Metamorphic Petrology
GEOL 220 Historical Geology (GEOL 120 or 115 or 150 or 182)
GEOL 222 Map and Field Geology
GEOL 242 Principles of Mineralogy I (GEOL 120 or 115 or 150 or 182 & CHEM 111)
GEOL 282 Intro To Hydrology (SoS; GEOL 115 or 120 or 150 or 182)
METR 212 Intro To Climatology (METR 110)
OCEA 210 General Oceanography (ESCI 100 or GEOL 115 or 120, 150, 182 or METR 110)

TOTAL

18-19 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The Economics minor is open to all undergraduates, (except Economics majors), and it consists of a minimum number of required courses, with a rather flexible selection thereafter of second-level courses. In this program, emphasis is placed on economic theory. Students planning to complete the requirements for this minor must make all arrangements with the Division of Economics and Business, 226 Netzer, 607.436.3458.

Required Courses

12 s.h.

ECON 111 Principles of Microeconomics

ECON 112 Principles of Macroeconomics

ECON 211 Intermediate Microeconomic Theory (ECON 111 & 112 with a grade of C or better & MATH 105, 173 or BUS 200)

ECON 212 Intermediate Macroeconomic Theory (ECON 111 & 112 with a grade of C or better & MATH 105, 173 or BUS 200)

Selections Select **two** from Economic upper division course

6 s.h.

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Consult with division academic advisor.

October 10

This minor is open to all undergraduate students and it consists of 18 s.h.. Each student is free to select 12 s.h. in course work depending upon the student's particular interest, career, or professional goals. This minor serves as a preparation for various graduate school programs in Human Development – Instructional Psychology, Research Design/Statistics – Counseling, or Special Education. Interested students are requested to contact the chairperson of the Educational Psychology Department, 211 Fitzelle, 607.436.3554.

****Undergoing significant changes if interested contact the Department Chair****

Required Courses

6 s.h.

EPsy 229 Survey of Exceptional Children (EPsy 275 & 240 or 250)
EPsy 240 Child Growth and Development **or** (SoS)
EPsy 250 Adolescent Growth and Development (SoS)
EPsy 275 Psychological Foundations of Education: Learning and Motivation (SoS)
EPsy 280 Assessment (SoS)

Selections *Select **four** of the following:

12 s.h.

EPsy 201 Human Learning and Development
EPsy 221 The Psychology of Sexism in School and Society
EPsy 229 Survey of Exceptional Children (EPsy 275 & EPsy 240 or 250)
EPsy 234 Learning Disabilities (EPsy 229)
EPsy 235 Mental Retardation (EPsy 229)
EPsy 236 The Emotionally Disturbed Child
EPsy 245 Psychology of Thinking
EPsy 260 Processes of Creativity: Educational Implications
EPsy 275 Psychological Foundations of Education (SoS)
EPsy 280 Assessment (SoS)
EPsy 294 Special Topics in Educational Psychology (JrS & 6 s.h. in EPsy)
EPsy 299 Independent Study in Educational Psychology (SoS)
EPsy 390 Classroom Organization and Management
EPsy 398 Seminar in Educational Psychology
EPsy 399 Independent Study in Educational Psychology (JrS & 9 s.h. EPsy)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. *Check with the Department for the frequency of course listings.

If interested in the Energy minor please contact the Physics & Astronomy Department, 120 Physical Science, 607.436.3192.

Required Courses

6 s.h.

GEOL 230 Mineral Resources & the Environment (GEOL 115 or 120 or 150 or 182)

PHYS 308 Alternative Energy (JrS, PHYS 104 & MATH 174 or PHYS 204, CHEM 112)

Selections

12-14 s.h.

*Select **four** of the following: (Two different departments must be represented)

PHYS 320 Thermodynamics & Heat Transfer (PHYS 103/104 & MATH 173/174 or PHYS 204)

PHYS 205/287 General Physics III (PHYS 103/104 & MATH 173/174 or PHYS 204)

PHYS 318 Intro to Solid State Physics (JrS/SrS & PHYS 205)

CHEM 214 Environmental Chemistry (CHEM 112)

CHEM 221 Organic Chemistry **or**

CHEM 226 Elementary Organic Chemistry (CHEM 112 or CHEM 111)

CHEM 351 Physical Chemistry I (PHYS 203 & MATH 174 with a grade of B or better)

CHEM ??? Electrochemistry (PHYS 103/104 & MATH 173/174 or PHYS 204 & CHEM 112)

ESCI 290 Waste Management (CHEM 111 & GEOL 115 or 120 or 150 or 182 or ESCI 100)

GEOL 282 Hydrogeology (SoS, GEOL 115 or 120 or 150 or 182)

GEOL 380 Environmental Geophysics (GEOL 115 or 120 or 150 or 182 & MATH 173 & PHYS 103 or 203)

TOTAL

18-20 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. *Courses must be from departments other than your own major department.
4. *Special topics courses offered in the sciences may be substituted for one of the requirement if content is appropriate and with the permission of the Physics Department Chair.

October 10

The English Minor provides a foundation for the study of literature written in English and offers practice in writing. Compatible with both liberal arts and pre-professional majors, the Minor allows students to examine culture and human experience from a perspective other than that of their major field. Prospective employers, who often look closely at job candidates' writing and communicating skills, often find the English Minor an attractive applicant. For more information please contact the English Department, 322 Netzer, 607.436.3446.

Required Courses

3 s.h.

COMP 200 Advanced Composition (COMP 100 or equivalent)

Selections

Select from the English Upper Division courses

15 s.h.

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Except for LITR 150, only course at the 200-level (or higher) may be counted toward the minor.

October 10

If interested in the Environmental Biology minor please contact the Environmental Science Department, 323 Science Building 1, 607.436.3899.

Required Courses

20 s.h.

ENVS 101 Intro to Environmental Science

ENVS 201 Environmental Issues (ENVS 101)

ENVS 250 Environmental Techniques (ENVS 201)

ENVS 320 Technical Science Writing (Passing grade on the CWE, COMP 100, STAT 101)

BIOL 200 Biology II (ENVS 101)

BIOL 282 General Ecology (BIOL 200)

TOTAL

20 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

If interested in the Environmental Biology minor please contact the Environmental Science Department, 323 Science Building 1, 607.436.3899.

Required Courses

15 s.h.

ENVS 101 Intro to Environmental Science
ENVS 201 Environmental Issues (ENVS 101)
ENVS 250 Environmental Techniques (ENVS 101)
GEOG 201 Principles to Physical Geography (SoS or GEOG 100)
GEOG 236 Environment Planning (ENVS 201 or GEOG 201)

Selections Select **one** of the following:

3 s.h.

GEOG 217 Tourism: Geography and Planning (SoS or GEOG 100)
GEOG 225 Population Geography and Planning (SoS or GEOG 100)
GEOG 237 Environmental Impact Analysis (SoS or GEOG 100)
GEOG 305 Geography & Planning of Water Resources (JrS, GEOG 100 & 3 s.h. GEOG)
GEOG 347 Urban Planning (JrS, & 200- level GEOG)
GEOG 348 Regional & Land Use Planning (JrS, & 200- level GEOG)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Designed for students interested in the study of film as an act of mass media, and as an art form, in its own right, that combines aspects of many traditional arts. Students planning to complete the requirements for this minor must make the necessary arrangements through the Communications Arts Department, B-12 IRC, 607.436.3411.

Required Courses

9 s.h.

MCOM 151 Understanding Mass Communication
MCOM 280 Basic Film Production (SoS or 3 s.h. THTR or MCOM)
MCOM 281 Art of the Motion Picture (SoS or 3 s.h. THTR or MCOM)

Selections

12 s.h.

Drama Select **one** of the following:

THTR 100 Theatre Appreciation
THTR 278 Play Analysis for the Stage

Art Select **one** of the following:

ARTH 110 Survey of the Visual Arts 11
ARTH 200 The Language of the Visual Arts (SoS)

Film Select **two** of the following:

MCOM 208 Blacks and Hispanics in Film and Television (SoS or 3 s.h. THTR or MCOM)
MCOM 283 The Development of Film (SoS or 3 s.h. THTR or MCOM)
MCOM 284 Great Films of Great Directors (SoS or 3 s.h. THTR or MCOM)
MCOM 285 Film Genres (SoS or 3 s.h. THTR or MCOM)
MCOM 293 Special Topics in Film and TV (SoS, 3 s.h. MCOM)
MCOM 380 Advanced Film Production (Jrs & MCOM 280)

TOTAL

21 s.h.

NOTES:

3. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
4. Check proper course sequence and prerequisites with department advisor.

October 10

Students planning to complete the requirements for this minor must make all arrangements with the Foreign Language Department, 300 Schumacher, 607.436.3409.

Required Courses

18 s.h.

Selections of upper-division courses in French language, Literature, and/or civilization (higher than FREN 104)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. FREN 104 or approved equivalent (i.e., 4 years of high school French) is a prerequisite for all upper-division courses.

October 10

The minor is open to all undergraduates interested in cartography and remote sensing except Geography majors in program track GOGC. Interested students should register with and obtain further information from the Chairperson of the Department of Geography, 317 Milne Library, 607.436.3459.

Required Courses

3 s.h.

GEOG 100 Introductory Geography

Selections

18 s.h.

Geographic Information Systems Select **two** of the following:

GEOG 241 GIS: Principles and Methods (SoS & GEOG 240 or 245 or 3 s.h. CSCI)

GEOG 243 GIS: Arc GIS (GEOG 240 or 241)

GEOG 341 GIS: Advanced Methods (JrS & GEOG 240 or 343 or 200-level CSCI)

Cartography Select **one** of the following:

GEOG 240 Cartographic Principles (SoS or GEOG 100)

GEOG 340 Advanced Cartographic Topics (JrS & GEOG 240)

Remote Sensing Select **two** of the following:

GEOG 145 Remote Sensing: Principles and Applications

GEOG 245 Remote Sensing: Aerial Photo Interpretation (SoS or GEOG 100)

GEOG 345 Remote Sensing of Environments (JrS & GEOG 245 or 200-level in one of the following: STAT, CSCI, PHYS, BIOL, ESCI, planning or field work)

Additional Geography Requirement Select **one** of the following:

GEOG 236 Environmental Planning (ENVS 201 or GEOG 201)

GEOG 305 Geography and Planning of Water Resources (JrS, GEOG 100 & another 3 s.h. GEOG)

GEOG 313 Transportation Geography and Planning (JrS & GEOG 210 or 233)

GEOG 347 Urban Planning (JrS & a 200-level GEOG)

GEOG 348 Regional and Land Use Planning (JrS & a 200-level GEOG)

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

With the exception of Geography majors, this minor is open to all undergraduates. It is designed to provide a broad coverage of the discipline while offering flexibility in choice within the different fields of geographic study. For further information in this minor contact the Department of Geography, 317 Milne Library, 607.436.3459.

<u>Required Courses</u>		3 s.h.
GEOG 100 Introductory Geography		
<u>Selections</u>		3 s.h.
Physical Geography	Select one of the following:	
GEOG 201 Principles of Physical Geography (SoS or GEOG 100)		
GEOG 202 Regional Climatology (SoS or GEOG 100)		
Human Geography	Select one of the following:	3 s.h.
GEOG 225 Population Geography and Planning (SoS or GEOG 100)		
GEOG 230 Geography of Culture and Environment (SoS or GEOG 100)		
GEOG 231 Geography of Religion and Sacred Space (SoS or GEOG 100)		
Spatial Organization	Select one of the following:	3 s.h.
GEOG 210 Economic Geography (SoS or GEOG 100)		
GEOG 220 Political Geography (SoS or GEOG 100)		
GEOG 233 Urban Geography (SoS or GEOG 100)		
Geographic Methods	Select one of the following:	3 s.h.
GEOG 240 Cartographic Principles (SoS or GEOG 100)		
GEOG 241 GIS: Principles and Methods (SoS or GEOG 240 or 245 or 3 s.h. CSCI)		
GEOG 243 GIS: Arc GIS (GEOG 240 or 241)		
Regional Geography	Select one regional geography course	3 s.h.
	TOTAL	18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

No form or signature is necessary to begin, and no advisor has to be assigned; however, we would like to know of your intention once you decide to declare a minor. For further information and advisement for the minor, come to the Earth Science Department Office, 209 Science 1, 607.436.3707.

Required Courses

7 s.h.

GEOL 120 Intro to Geology

GEOL 220 Historical Geology (GEOL 120 or 115 or 150 or 182)

Selections

11-14 s.h.

GEOL 201 Environmental Geology (GEOL 120 or 115 or 150 or 182)

GEOL 214 Intro Igneous & Metamorphic Petrology

GEOL 222 Map and Field Geology

GEOL 242 Principles of Mineralogy I (GEOL 120 or 115 or 150 or 182 & CHEM 111)

GEOL 321 Paleontology (GEOL 220 or BIOL 112)

GEOL 330 Structural Geology (GEOL 275, GEOL 242)

GEOL 331 Introduction to Engineering Geology (GEOL 220 & PHYS 103 or 203)

GEOL 360 Sedimentary Geology (GEOL 220)

GEOL 370 Geomorphology (GEOL 220)

OCEA 350 Marine Geology (GEOL 220)

TOTAL

19-22 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Gerontology is an interdisciplinary field of study that is administered by the Center for Life Course Studies. It utilizes the body of knowledge of the social and behavioral sciences to develop theoretical frameworks for the study of adulthood and aging from the life course perspective. A minor in Gerontology is an excellent choice for student who would like to develop knowledge and skills in understanding the issues associated with an aging population or in working with people during the second half of the life course. If you have any questions regarding this major, contact the Sociology Department, 10 Schumacher, 607.436.3512.

Required Courses

6 s.h.

SOCL 100 Intro to Sociology

SOCL 233 Aging, Generations, and Society (3 s.h. SOCL)

Selections Select **two** of the following:

6 s.h.

SOCL 231 Comparative Aging: A Global Perspective (3 s.h. SOCL)

SOCL 234 Families and Aging (3 s.h. SOCL)

SOCL 256 Sociology of Aging and Health (3 s.h. SOCL)

SOCL 257 Sociology of Health and Illness (3 s.h. SOCL)

SOCL 344 Demography (SOCL 209 & 3 s.h. SOCL)

SOCL 392 Social Policy and Life Course Studies (JrS & 6 s.h. in Social Science)

SOCL 399 Independent Study in Sociology (JrS & 3 s.h. or 200-level SOCL)

Select **two** of the following from **two** different departments:

6 s.h.

ANTH 219 Anthropology of Death

ANTH 232 Human Biology and Culture Change (SoS)

ANTH 236 Medical Anthropology (ANTH 100 or 130)

COMM 254 Intercultural Communication (SoS)

CONS 252 Personal Law (SoS)

FAMS 264 Adulthood and Aging (FAMS 160 or CHLD 170 with a grade of C or better)

FAMS 266 Adult Family Members Transition (FAMS 160 or CHLD 170 with a grade of C or better)

NUTR 247 Nutrition Across the Lifespan (NUTR 140)

PHIL 206 Philosophy of Life and Death (3 s.h. PHIL)

POLS 329 Public Policy Analysis (JrS & passing grade on the CWE)

PSYC 240 Developmental Psychology (PSYC 100 with a grade of C or better)

PSYC 260 Intro to Social Psychology (PSYC 100 with a grade of C or better)

PSYC 345 Psychology of Adulthood and Aging (PSYC 100 with a grade of C or better, 110 or STAT 101, 220 or SOCL 309 or permission of instructor)

TOTAL**18 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

This minor is open to all undergraduates. It consists of a core of required courses related to health and wellness. Consult with Physical Education and Human Ecology faculty members for additional information and suggested sequences. Students planning to complete requirements for this minor should declare their intentions at an early point to facilitate advisement. Forms for this purpose are available from Al Sosa, Minor coordinator, 200 Chase, 607.436.3595.

Required Courses

12 s.h.

BIOL 202 Intro to Human Anatomy & Physiology (BIOL 100)

NUTR 140 Nutrition I **or**

NUTR 142 Nutrition in Everyday Life

PHED 202 Current Health Problems and Issues

PHED 330 Fitness-Lifestyle Components (JrS)

Selections

Select **one** of the following:

6 s.h.

NUTR 241 Nutrition for Fitness and Sports (NUTR 140 or 142)

NUTR 247 Nutrition Across the Lifespan (NUTR 140)

NUTR 249 Current Issues in Nutrition (NUTR 140 or 142 or permission of instructor)

Select **one** of the following:

ANTH 236 Medical Anthropology (ANTH 100 or 130)

FAMS 266 Adult Family Members Transition (FAMS 160 or CHLD 170 with a grade of C or better)

PHED 204 Stress Management (SoS)

PHED 248 Exercise Psychology (SoS, PSYC 100)

PHIL 206 Philosophy of Life & Death (3 s.h. PHIL)

PSYC 345 Psychology of Adulthood & Aging (PSYC 100 with a grade of C or better, 110 or STAT 101, 220 or SOCL 309 or permission of instructor)

SOCL 233 Aging, Generations, & Society (3 s.h. SOCL)

SOCL 257 Sociology of Health & Illness (3 s.h. SOCL)

PHED 397 Internship in Physical Education (JrS)

3 s.h.

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

With the exception of students registering as history majors, the curriculum minor in history is open to all undergraduates. It has been designed to further individual history interests of students majoring in any other academic areas. This program offers undergraduate students in the United States a basic minimal grasp of their western culture, national past, and exposure to the history of a culture which is non-western. Students planning to undertake this minor should register their intention at the History Office, 225 Netzer, 607.436.3326. Final certification of completion of requirements similarly must be made with the History Department in ample time to arrange for processing of data to have the minor recorded on a transcript prior to graduation.

Required Courses

18 s.h.

Select **two** from each category:

Course selections (upper division) in U.S./Canadian History

Course selections (upper division) in European History

Course selections (upper division) African/Asian/Caribbean/Latin America History

Selections

6 s.h.

History Selections (upper division)

TOTAL

24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is designed for students seeking to study the practice and art of journalism. The minor is open to any student wishing to study the skills of reporting and information gathering. Interviewing, writing news pieces, and producing news content in various mass media, from broadcast news (television and radio), to print news, (magazines and newspapers), to online news forums. For more information contact the Communication Studies Department, B-12 IRC, 607.436.3411.

Required Courses

12 s.h.

MCOM 210 Writing for the Newspaper (SoS & COMP 100)
MCOM 256 Broadcast Announcing (SoS & COMM 100 or 172)
MCOM 262 Reporting (JrS, COMP 100 & 3 s.h. humanities)
MCOM 258 New Media (SoS)

Selections Select **two** of the following:

6 s.h.

ARTH 221 History of Photography
ARTS 210 Basic Photography I (Camera & permission of instructor)
CART 210 Digital Photography (CART 201)
COMM 215 Interviewing
FASH 300 Fashion Journalism (JrS, passing grade on the CWE; FASH 120 & COMP 100)
MCOM 105 Into to Media Law & Regulation
MCOM 252 Writing for Radio, TV, & Film (SoS & COMP 100)
MCOM 257 Fundamentals of Broadcast
MCOM 260 Multi Camera Video Production (SoS or 3 s.h. THTR, COMM, or MCOM)
MCOM 301 Broadcast Journalism (JrS, MCOM 151 & either MCOM 252, 253, 260 or 262)
MCOM 361 MCOM Practicum (JrS)
PHIL 231 Media Ethics (SoS)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The Linguistics Minor is designed for those who wish to supplement their major academic work in another discipline with work in English. The specific courses satisfying the requirements of the minor are to be selected under the advisement of, and approved in advance by, the program coordinator. The courses in this minor are offered infrequently. Please check with the department before beginning this minor. For more information, please contact the English Department, 322 Netzer, 607.436.3446.

Required Courses

6 s.h.

LING 200 Intro to Linguistic Theories and Analysis (SoS or LING 150)

LING 201 Language and Society (SoS or LING 150)

Selections Select **four** of the following:

12 s.h.

LING 150 Intro Survey of Language

LING 210 Traditional Grammar: English (SoS & COMP 100 & passing grade of the CWE)

LING 215 Intro to Editing and Publishing (SoS, COMP 100)

LING 294 Studies in Linguistics (3 s.h. LING or permission of instructor)

LING 317 Language Acquisition (JrS; LING 150 or LING 200)

LING 320 History of the English Language (JrS & 3 s.h. LING or 6 s.h. ALIT/ELIT)

LING 394 Studies in Linguistics (3 s.h. LING or permission of instructor)

LING 399 Independent Study in Linguistics (1-6 s.h.) (9 s.h. LING)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is designed for students seeking an understanding of and involvement in Mass Media, with special interest on the electronic media. Students planning to complete the requirements for this minor must make all arrangements with the Communication Arts Department, B-12 IRC, 607.436.3411.

Required Courses

15 s.h.

MCOM 151 Understanding Mass Communication

MCOM 252 Writing for Radio – TV – Film (SoS & COMP 100)

MCOM 281 Art of the Motion Picture (SoS or 3 s.h. THTR or MCOM)

MCOM 286 Research Methods in Mass Media (SoS & 3 s.h. MCOM)

MCOM 350 Seminar in Mass Communication (SoS & 12 s.h. or 200-level COMM or MCOM)

Selections Select **two** of the following:

6 s.h.

MCOM 253 Audio Production (SoS & MCOM 151)

MCOM 260 Multi-camera Video Production (SoS or 3 s.h. THTR, COMM or MCOM)

MCOM 261 Videography and Digital Editing (3 s.h. COMM & permission of instructor)

MCOM 280 Basic Film Production (SoS or 3 s.h. THTR or MCOM)

MCOM 361 Mass Communication Practicum (Jrs)

Select one of the following:

COMM 206 Freedom of Speech (SoS or 3 s.h. COMM)

Any MCOM course, including any courses **not** elected from above

TOTAL

24-26 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Mathematics is open to all undergraduates with the exception of students majoring in Secondary Education Mathematics or Mathematics. After completing the 12 s.h. calculus sequence, students may select their remaining courses from the approved departmental list of courses open to majors in Mathematics. Consult the Chair of the Department of Mathematics, Computer Science & Statistics, 228 Fitzelle, 607.436.3708 for further information on options and suggested sequences.

Required Courses

12 s.h.

MATH 173 Calculus I (4 units of high school MATH or MATH 105)

MATH 174 Calculus II (MATH 173)

MATH 276 Calculus III (MATH 174)

Selections Select **two** of the following:

6 s.h.

MATH 205 Discrete Mathematical Structures (MATH 173)

MATH 232 Intro to Transformation Geometry (MATH 174)

MATH 245 Discrete Methods: Enumeration Theory and Graph Theory (MATH 276)

MATH 277 Ordinary Differential Equations (MATH 174)

MATH 301 Intro to the History of Mathematics (MATH 174, 205, & passing grade on the CWE)

MATH 309 Intro to the Theory of Numbers (MATH 174 & 205)

MATH 321 Modern Algebra and Theory of Equations I (MATH 174 & 205)

MATH 322 Modern Algebra and Theory of Equations II (MATH 321)

MATH 323 Linear Algebra and Matrix Theory I (MATH 174 & 205)

MATH 324 Linear Algebra and Matrix Theory II (MATH 323)

MATH 325 Modern Algebra I (MATH 174 & 205)

MATH 326 Modern Algebra II (MATH 325)

MATH 327 Modern Applied Algebra (JrS & MATH 174 & 205)

MATH 335 Modern Geometry I (MATH 174 & 205)

MATH 336 Modern Geometry II (MATH 335)

MATH 377 Advanced Calculus I (MATH 276 & 205)

MATH 378 Advanced Calculus II (MATH 337)

MATH 384 Partial Differential Equations (MATH 277)

MATH 385 Numerical Analysis (MATH 174 & knowledge of programming language)

MATH 387 Real Analysis (MATH 205 & 276)

MATH 388 Complex Analysis (MATH 205 & 276)

MATH 394 Special Topics in Mathematics (JrS & 6 s.h. upper-level MATH)

MATH 398 Seminar in Mathematics (3 s.h. algebra & 3 s.h. upper-level analysis)

MATH 399 Independent Study in Mathematics (JrS & permission of department)

STAT 361 Mathematical Theory of Probability and Statistics I (MATH 276)

TOTAL**18 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

SUNY College at Oneonta

Curriculum Minor METEOROLOGY-METR

For further information and advisement for this minor, come to the Earth Science Department Office, 209 Science 1, 607.436.3707.

Required Courses

6 s.h.

METR 110 Intro to Meteorology

METR 212 Intro to Climatology (METR 110)

Selections *Select **four** of the following:

12 s.h.

BIOL 188 Environment and Man **or**

BIOL 286 Intro to Environmental Pollution (high school BIOL & 3 s.h. in college science)

CHEM 214 Environmental Chemistry (CHEM 112)

CSCI 116 Fundamentals of Programming (MATH 105)

GEOL 282 Intro to Hydrology (SoS; GEOL 115 or 120 or 150 or 182)

METR 180 Lightning and Thunderstorms

METR 205 The Atmospheric Environment (METR 110 or ENVS 101)

METR 340 Physical Meteorology

METR 350 Atmospheric Dynamics I (METR 340. Corequisite: METR 360)

METR 360 Weather Anal & Forecasting I (METR 340. Corequisite: METR 350)

METR 390 Computer Usage in Meteorology (METR 340 & CSCI 109 or 113)

OCEA 110 Intro to Oceanography **or**

OCEA 210 General Oceanography (ESCI 100 or GEOL 120 or 115, 150, 182 or METR 110)

TOTAL

18-19 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * A maximum of one Computer Science course and one Oceanography course and one Biology course may be included in selections.

October 10

This minor has been designed to meet the needs of students who are serious about the study of music, and who wish to pursue an organized pattern of study without having to commit themselves to the larger number of credits required in the liberal arts music major. Interested students should contact the Chairperson of the Music Department, 115 Fine Arts, 607.436.3415.

Required Courses

6 s.h.

MUSC 249 Music Theory I

MUSC 250 Music Theory II (MUSC 249 or equivalent)

Selections

6 s.h.

MUSC 170 Applied Music (Studio Lessons) (permission of instructor)

MUSC 270 Advanced Applied Music (Audition & permission of instructor)

MUSC 280 Music Ensemble (Audition & permission of instructor)

Music history and literature (chosen by advisement)

12 s.h.

TOTAL

24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor has been designed to meet the needs of students who are serious about the study of music, and who wish to pursue an organized pattern of study without having to commit themselves to the larger number of credits required in the liberal arts music major. Interested students should contact the Chairperson of the Music Department, 115 Fine Arts, 607.436.3415.

Basic Required Courses

2 s.h.

MUSC 270R Aural Skills

Selections

14-21 s.h.

*MUSC 170/270 Applied Music (One Semester) (permission of instructor) 2-3 s.h.

*MUSC 270 Advanced Applied Music (Two Semesters) (permission of instructor) 4-6 s.h.

MUSC 270/280 Music Ensemble (Four Semesters) (permission of instructor) 8-12 s.h.

Large Ensembles

Percussion Ensemble

Catskill Symphony

Concert band

Classical Guitar Ensemble

Chamber Orchestra

Guitar Ensemble

Big Band

Concert Choir

Small Ensembles

Jam Band

Funk Band

Blues Band

Jazz Combo

Latin Jazz

Percussion Ensemble

Zappa Band

Guitar Ensemble

Woodwind Ensemble

Brass Ensemble

Rock Combo

String Ensemble

Chamber Singers

Improvised Music Ensembles

Jam Band

Funk Band

Percussion Ensemble

Jazz Combo

Latin Jazz

Blues Band

Zappa Band

Rock Combo

Jazz Improvisation

Performance ensembles may be substituted by the department chairperson if required

Select **one** of the following:

3 s.h.

MUSC 221 Contemporary Songwriting

MUSC 270 Composition

MUSC 351 Counterpoint

MUSC 230 Advanced Songwriting

MUSC 350 Orchestration

TOTAL

19-26 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

This minor has been designed to meet the needs of students who are serious about the study of music, and who wish to pursue an organized pattern of study without having to commit themselves to the larger number of credits required in the liberal arts music major. Interested students should contact the Chairperson of the Music Department, 115 Fine Arts, 607.436.3415.

Required Courses

12 s.h.

MUSC 249 Music Theory I

MUSC 250 Music Theory II (MUSC 249 or equivalent)

MUSC 353 Music Theory III (MUSC 250 or equivalent)

MUSC 354 Music Theory IV (MUSC 353 or equivalent)

Selections

3 s.h.

MUSC 170 Applied Music (Studio Lessons) (permission of instructor)

MUSC 270 Advanced Applied Music (Audition & permission of instructor)

MUSC 280 Music Ensemble (Audition & permission of instructor)

Music history and literature (chosen by advisement)

6 s.h.

Music Elective (chosen by advisement)

3 s.h.

TOTAL

24 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor in Nutrition is open to all undergraduates. It consists of 6 semester hours of required courses and 12 hours of student-selected courses. The minor is designed to provide a focus for all students interested in Nutrition as it relates to well being. Students planning to complete requirements for this minor should declare their intentions at an early point to facilitate advisement. Forms for this purpose may be picked up at the Human Ecology Department, 100 Human Ecology, 607.436.2705.

Required Courses

6 s.h.

FOOD 130 Introductory Foods

NUTR 140 Nutrition I

Selections Select **four** of the following:

12 s.h.

FOOD 133 Community Food and Nutrition

FOOD 234 Cultural Aspects of Food (SoS)

FOOD 237 Healthy Cuisine (FOOD 130 & NUTR 140 or 142)

NUTR 142 Nutrition in Everyday Life

NUTR 241 Nutrition for Fitness and Sport (NUTR 140 or 142)

NUTR 243 Food and Nutrition Education (NUTR 140, 141, 247 & FOOD 130)

NUTR 247 Nutrition Across the Lifespan (NUTR 140 & 141)

NUTR 249 Current Issues in Nutrition (NUTR 140 or 142 or permission of instructor)

NUTR 340 Advanced Nutrition I (NUTR 140 & 141, BIOL 202 & CHEM 330)

NUTR 342 Advanced Nutrition II (NUTR 140 & 141, BIOL 202 & CHEM 330)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is open to all undergraduates. Outdoor Education is defined as “education that is in, about, or for the out-of-doors.” Within this minor students will learn about the many opportunities available to them in the outdoors with appropriate training. Students who complete this minor will find themselves more employable with businesses or organizations that run this type of program or operation. Examples include, but are not limited to: youth organizations, environmental education centers, camps, state parks, nature centers, etc.

To complete this minor a student will have to successfully complete a minimum of 23 credit hours. Within the minor, course credit hours may be acquired in various ways. Candidates for this minor should declare their intentions with Al Sosa, Minor Coordinator, 200 Chase, 607.436.3595 as early as possible for facilitate advisement.

Required Courses

12 s.h.

PHED 125 Hiking/Backpacking
PHED 176 Wilderness Navigation
PHED 210 Emergency Care and Prevention (SoS & Fee required)
PHED 275 Leadership Through Challenge Experiences (SoS)

Selections

5-11 s.h.

Total of **five** courses must be completed from these selections, with a minimum of **one** from each selection

General

PHED 122 Fly Fishing (NYS fishing license)
PHED 174 General Horsemanship
PHED 175 Camp Cooking & Nutrition
PHED 186 Beginning Mountain Biking
PHED 192 Basic Rock Climbing
PHED 223 Trail Design & Construction (SoS)
PHED 227 Long Distance Backpacking (SoS, PHED 125)

Water

PHED 118 Scuba Diving (Ability to swim 200 yards & tread water for 10 minutes)
PHED 120 Basic Canoeing (Ability to swim)
PHED 121 River Canoeing (Ability to swim)
PHED 128 Intro to Kayaking (Ability to swim)
PHED 129 Whitewater Kayaking (Ability to swim)
PHED 218

Winter

PHED 170 Beginning Skiing/Snowboarding (Fee required)
PHED 172 Cross Country Skiing/ Snowshoeing
PHED 225 Winter Camping (PHED 124 or 125)

Selections

Select **one** of the following:

3 s.h.

BIOL 101 Plant Biology
BIOL 180 General Biology I
ENVS 101 Intro to Environmental Science
GEOL 120 Intro to Geology

*PHED 340 Practicum in Outdoor Education (JrS, PHED 124 or 125; PHED 176; PHED 275; permission of instructor)

3 s.h.

TOTAL

23-29 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * Before enrolling in PHED 340, students should have completed at least one course from the category relating to the expedition to be taken.
4. Students may take as many P.E. activity credits as they choose, however only a maximum of 12 s.h. PHED activity credits will be counted toward requirements for graduation if the student has matriculated in Fall 2009 or after, if prior to Fall 2009 student can take a maximum of 6 s.h. PHED activity credits. Courses carrying activity credits are designated with (PACT).

October 10

This minor is open to all undergraduates and consists of courses related to health, anatomy, nutrition, and training. This minor is designed to prepare students to become ACE (American Council on Exercise) Certified Personal Trainers. Students planning to complete requirements for this minor should declare their intentions at an early point to facilitate advisement. Forms for this purpose are available from Erik Lind, Minor Coordinator, 205 Chase, 607.436.2105.

Required Courses

19 s.h.

BIOL 202 Intro to Human Anatomy & Physiology (BIOL 100)

BIOL 231 Physiology of Exercise (BIOL 202 or 205)

PHED 255 Kinesiology (SoS, BIOL 202 or 205)

PHED 335 Principles of Personal Training (Jrs)

PHED 336 Personal Training II (PHED 335)

NUTR 140 Nutrition I **or**

NUTR 142 Nutrition in Everyday Life

Selections Select **one** of the following:

6 s.h.

NUTR 241 Nutrition for Fitness & Sports (NUTR 140 or 142)

NUTR 247 Nutrition Across the Lifespan (NUTR 140)

NUTR 249 Current Issues in Nutrition (NUTR 140 or 142 or permission of instructor)

PHED 202 Current Health Problems & Issues

PHED 204 Stress Management (SoS)

PHED 229 Yoga Exercises for Fitness & Health (SoS)

PHED 248 Exercise Psychology (SoS, PSYC 100)

PHED 330 Fitness-Lifestyle Components (Jrs)

*PHED 397 Internship in Physical Education (Jrs)

TOTAL

25 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. * This course requires formal approval from the Minor Coordinator before enrolling.
4. American Council on Exercise (ACE) Personal Trainer Certification test offered annually for students who have completed PHED 335 Principles of Personal Training.

October 10

A minor is a good choice for any student who has a genuine interest in Philosophy but who simply does not have the time or inclination to follow the more rigorous program of studies required for the major. It is especially appealing to students interested in fundamental human concerns as well as those who wish to gain a deeper understanding of the methodological issues in their own discipline. Students planning to complete the requirements for this minor must make all arrangements with the Philosophy Department, 325 Fitzelle, 607.436.2456.

Required Courses

9 s.h.

Value Select **one** of the following:

PHIL 102 Ethics

PHIL 107 Philosophies of Art

Logic Select **one** of the following:

PHIL 103 Intro to Logic

PHIL 210 Symbolic Logic (SoS)

Metaphysics Select **one** of the following:

PHIL 202 Metaphysics (3 s.h. PHIL)

PHIL 220 History of Philosophy I: Ancient Greek Thought

PHIL 221 History of Philosophy II: Modern Philosophical Thought

Selections

9 s.h.

Each student is assigned an individual faculty advisor. Ideally, those advisors become mentors and friends. Students are encouraged to work closely with their advisors to select courses which both deepen and broaden their understanding of the field.

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Physics consists of an integrated group of 18 semester hours in physics courses, and it is open to all undergraduates except Physics majors. It should be particular value to students in major programs related to physics, such as the areas of mathematics, chemistry, biology, and the earth sciences. Students planning to complete requirements for a curriculum minor must make all arrangements with the department chairman, 120 Physical Science, 607.436.3192.

Required Courses

12 s.h.

PHYS 203 General Physics I (MATH 173 completed or concurrent)

PHYS 204 General Physics II (PHYS 203; MATH 174 completed or concurrent)

PHYS 205 General Physics III (PHYS 204 & MATH 276 completed or concurrent) (Corequisite: PHYS 287)

PHYS 287 Intermediate Physics Lab (PHYS 205 or concurrent with PHYS 205)

Selections Select **two** of the following groups:

6 s.h.

Any ASTR 200-399

Any ENGR 200-399

Any PHYS 200-399 except courses listed from ASTR 200-399

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. Transfer credit may be allowed for only one of the following:
PHYS 203 and/or PHYS 204
PHYS 205 and 287
Up to 4 s.h. in 200-300 level physics courses

October 10

The minor in Political Science is open to all undergraduates with at least a 2.00 GPA, except Political Science majors. To fulfill the requirements for the minor the student must complete the introductory-level course offered by the Political Science Department and five upper-division courses, for a total of 18 semester hours. There is no prescribed sequence in which these courses should be taken. Students planning to complete this minor are responsible for making the necessary arrangements with the Chairperson of the Political Science Department, 10 Schumacher, 607.436.3522.

Required Courses

6 s.h.

POLS 121 U.S. Government

POLS 171 Comparative and International Politics

Selections

6 s.h.

Select **two** courses from two different subfields:

Political Theory

American Government and Politics

Comparative Government

International Relations

Two Upper division courses

6 s.h.

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is available only to students who major in Communication Studies. This minor will serve as a complement to the major of Communication Studies. It will provide a more focused understanding of the ways in which persuasion, communication, and argumentation are employed in public relations. This minor is designed to take the basic understanding of our Communication Studies major and continue them in a more advanced experience and understanding in public relations. For further information contact the Communication Arts Department, B-12 IRC, 607.436.3411.

Required Courses

12 s.h.

COMM 207 Communication and Public Relations (SoS)
COMM 225 Argumentation (SoS or 3 s.h. COMM)
COMM 244 Managing Conflict Through Communication
MCOM 252 Writing for Radio, Television, and Film

Selections Select **two** of the following:

6 s.h.

CART 201 Computer Art & Web Design (ARTS 140 or 141)
COMM 215 Interviewing
COMM 255 Organizational Communication (SoS or 3 s.h. COMM)
COMP 150 Intro to Creative Writing (COMP 100)
MCOM 105 Intro Mass Media Law & Regulation
MCOM 210 Writing for the Newspaper (SoS & COMP 100)
PHIL 231 Media Ethics (SoS)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The Religious Studies minor introduces students to an interdisciplinary approach to the phenomenon of religion. The minor is designed to provide a comparative perspective on world religions, an opportunity to study special topics in religion and to develop an appreciation of both the origins and contemporary expressions of different religions. This minor will appeal to students in the humanities and social sciences as well as students in other disciplines who want to deepen their understanding to the role of religion in contemporary life. For further information, contact the Religious Studies office, 10 Schumacher, 607.436.3512.

Required Courses

3 s.h.

ANTH/PHIL/RELG 115 Survey of World Religions

Selections Select **two** of the following:

6 s.h.

ANTH 211 Religion, Magic and Myth (SoS)
 GEOG 231 Geography of Religion and Sacred Space (SoS or GEOG 100)
 PHIL 214 Philosophy of Religion (3 s.h. PHIL)
 POLS 279 Religion and Politics
 RELG 201 Religious Experience
 RELG 202 Spirituality and Healing
 RELG 211 Buddhism
 RELG 212 Intro to Judaism
 RELG 213 The Christian Tradition
 WLIT 231 Mythology (COMP 100)

Select **two** of the following:

ARTH 212 History of European Medieval Art (ARTH 109 or 110)
 HIST 235 History of the Holocaust (SoS or 3 s.h. 100-level HIST)
 HIST 281 The Islamic World to 1800 (SoS or 3 s.h. 100-level HIST)
 INTD 220 Science and Religion (SoS)
 PHIL 250 Hinduism, Buddhism, and Taoism
 PHIL 251 Mysticism and Meditation in Indian and Chinese Tradition
 PSYC 264 Topics in Social Psych: Belief & Commit. In Groups (PSYC 100 with a grade of C or better)
 SOCL 229 Islamic Faith and Society
 WLIT 260 The Bible as Literature (COMP 100)
 WLIT 280 The Catholic Imagination (COMP 100; LITR 100 or 150)

Select **one** of the following (all courses from above may be applied here):

ALIT 255 20th Century Irish American Literature
 ANTH 210 Anthropological Folklore
 ANTH 219 Anthropology of Death
 ARTH 109 Survey of Visual Arts I
 ARTH 213 History of Italian Renaissance Art (ARTH 109 or 110)
 ARTH 214 History of Northern Renaissance Art (ARTH 109 or 110)
 HIST 215 History of the Modern Middle East & North Africa (SoS or 3 s.h. 100-level HIST)
 HIST 240 American Colonial History (SoS or 3 s.h. 100-level HIST)
 HIST 294 Special Topics: The Middle Ages (SoS or 3 s.h. 100-level HIST)
 MUSC 307 Western Music to 1750: Part I (MUSC 249)
 PHIL 102 Ethics
 PHIL 205 Philosophy and Psychology of Yoga (SoS)
 PHIL 206 Philosophy of Life and Death (3 s.h. PHIL)
 WMST 214 Archetypes of the Wild Woman (SoS & 3 s.h. Humanities or permission of instructor & passing grade on the CWE)

TOTAL**18 s.h.**

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The purpose of this minor is to provide students in a variety of majors with exposure to the central themes of sociological study. It will also serve students who are in the Interdisciplinary Studies program as one of their options for a minor. This minor is **not** available to students completing the traditional Sociology major (SOCL) or the Sociology Pre-Professional major (SOCH). Arrangements for completing the requirements of this minor should be made with the Sociology Department, 10 Schumacher, 607.436.3512.

Required Courses

9 s.h.

SOCL 100 Intro to Sociology

SOCL 209 Social Research Methods (3 s.h. SOCL)

SOCL 313 Perspectives and Theory (Jrs & 3 s.h. 200-level SOCL)

Selections

9 s.h.

Select **three** Sociology course not used above

(this may include SOCL 397 Field Experience maximum of 3 s.h.)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Students planning to complete requirements for this minor must make all arrangements with the Foreign Language Department, 300 Schumacher, 607.436.3409.

Required Courses

15 s.h.

Language

SPAN 202 Advanced Spanish Usage I (SPAN 104 or equivalent proficiency)

SPAN 203 Advanced Spanish Usage II (SPAN 202 or equivalent proficiency)

Civilization

SPAN 204 Civilization of the Spanish-Speaking World (SPAN 203 with a grade of C+ or better)

Literature Intro

SPAN 208 Intro to Spanish Literature (SPAN with a grade of C+ or better)

Literature Surveys Select **one** of the following:

SPAN 311 Survey of Spanish Literature (SPAN 208 with a grade of C+ or better)

SPAN 313 Survey of Spanish-American Literature (SPAN 208 with a grade of C+ or better)

Selections

3 s.h.

SPAN 300-399 (any upper division not used above)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

This minor is open to all undergraduates and consists of courses related to the management of athletics. Consult with Physical Education faculty members for additional information and suggested sequences. Students planning to complete requirements for this minor should declare their intentions at an early point to facilitate advisement. Forms for this purpose are available in the Physical Education Office, 200 Chase, 607.436.3595.

Required Courses

16 s.h.

ECON 110 Principles of Economics **or**

ECON 111 Principles of Microeconomics

MGMT 241 Fundamentals of Management (SoS, ACCT 100 or ECON 111, 112, or ECON 110 all with a grade of C or better or BUS 111)

PHED 207 Theories & Techniques of Coaching

PHED 306 Philosophy, Principles & Organization of Athletics in Education (JrS)

PHED 321 Health Sciences Applied to Coaching (JrS)

Selections Select **one** of the following:

9 s.h.

HIST 258 Athletics, Society & History (SoS or 3 s.h. 100-level HIST)

PHED 280 Women in Sports (SoS)

PHED 303 Sport and American Society (JrS)

Select **one** of the following:

LAW 222 Business Law (SoS, ACCT 100 or ECON 111, 112, or 110 with a grade of C or better or BUS 111)

MGMT 341 Human Resource Management (JrS, MGMT 241)

MKTG 261 Marketing (SoS & ECON 110 or 111 with a grade of C or better)

*Select **one** of the following:

PHED 295 Teaching Assistantship in Physical Education (SoS, permission of instructors)

PHED 397 Internship in Physical Education (JrS)

TOTAL**25 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.
3. *Courses may be taken for minor credit only after formal approval is given by the Minor Coordinator.
4. Students completing this minor will have completed the core course work for the NYS Coaching License. Information on the additional requirements is available in the physical Education Main Office, Chase P.E. 200.
5. Students who are from majors outside of the Division of Economics and Business are not permitted to earn more than 30 credits hours from the Division of Economics and Business. Therefore, students enrolling in this minor should exercise great caution in combining this minor with certain majors (i.e. Music Industry, Food Service & Restaurant Administration, & Computer Science/Business Option) or minor (Business Communication, Accounting, Finance, Economics, Marketing, Business or International Business).

If interested in the Theatre minor please contact the Theatre Department, 106 Fine Arts,
607.436.3456.

Required Courses

18 s.h.

THTR 100 Theatre Appreciation **or**

THTR 101 Intro to Theatre

THTR 111 Acting I

THTR 178 Play Analysis (3 s.h. of THTR)

THTR 220 Stagecraft

Select **two** upper division courses

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor in Statistics is open to all undergraduates. Although there is no rigid sequence which must be followed, students should plan their schedules carefully so that prerequisites are satisfied. Consult the Chair of the Department of Mathematical Sciences, 228 Fitzelle, 607.436.3708, for further information on options and suggested sequences. Students planning to complete requirements for a curriculum minor must make all arrangements with the Mathematics Department Chairperson.

Required Courses

10 s.h.

STAT 101 Intro to Statistics (Regents course III or course B or MATH 104)

STAT 201 Statistical Methods I (STAT 101 with a grade of C or better)

STAT 261 Probability Models and Statistical Inference (MATH 174)

Selections

8 s.h.

MATH 173 Calculus I (4 units high school math or MATH 105)

MATH 174 Calculus II (MATH 173)

Select **three** of the following:

9 s.h.

STAT 203 Nonparametric Statistics (STAT 101 or permission of instructor)

STAT 206 Statistical Quality Control (3 s.h. STAT at 200- or 300- level)

STAT 295 Teaching Assistantship in Statistics (At least 9 s.h. in STAT & permission of instructor)

STAT 299 Independent Study in Statistics (SoS & permission on instructor)

STAT 305 Multivariate Statistical Methods (STAT 201 or permission of instructor)

STAT 331 Econometrics (STAT 101 & two of the following: STAT 201, ECON 211, 212)

STAT 332 Operations Research (MATH 173)

STAT 361 Mathematical Theory of Probability and Statistics I (MATH 276)

STAT 362 Mathematical Theory of Probability and Statistics II (STAT 361)

STAT 365 Statistics and Decision Making (STAT 261 or permission of instructor)

STAT 369 Stochastic Processes (STAT 361)

TOTAL**27 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The minor is open to all undergraduates interested in geographic planning, except Geography majors in program track GOGU. Interested students should register with and obtain further information from the Chairperson of the Department of Geography, 317 Milne Library, 607.436.3459.

Required Courses

GEOG 100 Introductory Geography

3 s.h.

Selections

Basic Geography Requirements Select **two** of the following:

GEOG 201 Principles Physical Geography (SoS or GEOG 100)

GEOG 210 Economic Geography (SoS or GEOG 100)

GEOG 220 Political Geography (SoS or GEOG 100)

GEOG 230 Geography of Culture and Environment (SoS or GEOG 100)

GEOG 233 Urban Geography (SoS or GEOG 100)

6 s.h.

Planning Core Select **one** or **two** of the following:

GEOG 347 Urban Planning (JrS & 200-level GEOG)

GEOG 348 Regional and Land Use Planning (JrS & a 200-level GEOG)

3-6 s.h.

Planning Related Select **one** or **two** of the following:

GEOG 225 Population Geography and Planning (SoS or GEOG 100)

GEOG 236 Environmental Planning (ENVS 201 or GEOG 201)

GEOG 238 Geography of Developing Regions (SoS or GEOG 100)

GEOG 305 Geography and Planning of Water Resources (JrS, GEOG 100 & another 3 s.h. GEOG)

GEOG 313 Transportation Geography and Planning (JrS & GEOG 210 or 233)

3-6 s.h.

Planning Methods Select **one** of the following:

GEOG 240 Cartographic Principles (SoS or GEOG 100)

GEOG 241 GIS: Principles and Methods (SoS & GEOG 240 or 245 or 3 s.h. CSCI)

GEOG 243 GIS: Arc GIS (GEOG 240 or 241)

GEOG 345 Remote Sensing of Environments (JrS & GEOG 245 or 200-level in one of the following: STAT, CSCI, PHYS, BIOL, ESCI, planning, or field work)

3 s.h.

TOTAL

21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

Selections

Select one of the following:

3 s.h.

ALS 299/399 Independent Study

ALS 395 Senior Seminar in ALS (Completion of 15 s.h. in the major and/or consent of department chair)

ALS 397 Africana & Latino Studies Internship (JrS, passing grade on the CWE, and have a minimum GPA of 2.0)

TOTAL

18-21 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

The Water Resources minor is open to all undergraduates. It is designed to provide a broad background in water-related subjects which can complement a student's major field or generally fulfill an interest in water resources. As an interdisciplinary program, it is appropriate for students in many different majors, including all of the sciences and many of the social sciences. The minor emphasizes the physical aspects of water in its natural state, with options that includes the chemical and biological aspects. For further information, advisement, and registration for this minor, come to the Earth Sciences Department Office, 209 Sciences 1, 607.436.3707.

Required Courses

12 s.h.

GEOL 120 Planet Earth

GEOL 282 Intro to Hydrology (SoS; GEOL 115 or 120 or 150 or 182)

GEOL 384 Watershed Management (GEOL 282)

GEOL 388 Applied Hydrology (JrS, GEOL 282 or 382, & MATH 173)

Selections

Select **two** of the following (not in student's major):

6 s.h.

BIOL 385 Limnology (BIOL 282 or GEOL 282)

CHEM 214 Environmental Chemistry (CHEM 112)

CHEM 315 Environmental Health Chemistry

GEOL 201 Environmental Geology (GEOL 120 or 115 or 150 or 182)

GEOL 370 Geomorphology (GEOL 220)

GEOL 386 The Geochemistry of Natural Waters (JrS, GEOL 115 or 150 or 182 & CHEM 112)

GEOL 389 Groundwater Modeling (JrS, GEOL 282 or 382 & MATH 173)

OCEA 210 General Oceanography (ESCI 100 or GEOL 120 or 115, 150)

METR 110 Intro to Meteorology

METR 212 Intro to Climatology (METRO 110)

TOTAL

18 s.h.

NOTES:

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

October 10

Women's Studies inquiries, in a concrete way, about women's and men's roles and, in a theoretical vein, about methods of interpreting and explaining the differences in gendered lives. Women's Studies is an interdisciplinary field which challenges conventional theories about human nature and behavior which are largely rooted in a male, white, heterosexual experience. Feminist perspectives place gender at the center of study, offering alternative views of research and theory, reframing dominant disciplines, and opening new areas of study. The Women's Studies minor will enable students to develop a core of information supportive of a major in an academic discipline, as well as increase opportunities for post-graduate study of employment. The Women's Studies minor is open to all undergraduates. It is recommended that interested students register their intent to complete the minor. Information can be obtained in the Women's Studies Department office 315 Milne, 607.436.2014. The Chairperson has responsibility for final certification of completion of requirements.

Required Courses

3 s.h.

WMST 130 Gender, Power & Difference

Selections

12 s.h.

Select **four** from the following or any WMST (except WMST 130 or any WMST used in the minor):

ALS/HIST 274 Gender & Power in Africa (SoS)

ALS 286/ALIT 286 African-American Women Writers (SoS or ALS 100 & COMP 100)

ANTH 221 Anthropology of Sexes and Genders (SoS)

ARTH 220 Images of Women in Western Art (ARTH 109 or 110)

ARTH 222 Impressionism (ARTH 109 or 110)

COMM 241 Gender Communication (SoS or 3 s.h. COMM)

CONS 352 Gender and the Economics of Work (3 s.h. ECON & CONS 150 or 3 s.h. of social science)

ELIT 275 Jane Austen (COMP 100 & LITR 100 or 150)

EPSY 221 The Psychology of Sexism in School and Society

HIST 238 Women in Western History (SoS or 3 s.h. 100- level HIST)

HIST 268 History of Women and Women's Movements in the U.S. (SoS or 3 s.h. 100- level HIST)

LITR 283 Women's Literature (COMP 100 & LITR 100 or 150)

LITR 285 Autobiography, Gender, and Culture (COMP 100 & LITR 100 or 150 or permission of instructor)

LITR 286 Gender and Geography: Women's Environmental Writing

PHED 150 Self Defense for Women

PHED 280 Women in Sports (SoS)

POLS 215 Gender Politics (SoS or 3 s.h. POLS)

PSYC 243 Psychology of Women (PSYC 100 with a grade of C or better)

SOCL 237 Sociology of Women (3 s.h. SOCL)

SOCL 239 Women and Work (3 s.h. SOCL)

SPAN 326 Current Trends in Spanish-American Literature

Select **one** from the following:

3 s.h.

WMST 299 Independent Study in Women's and Gender Studies

WMST 394 Special Topics in Women's and Gender Studies

WMST 397 Women's and Gender Studies Internship

WMST 398 Seminar in Women's and Gender Studies (3 s.h. WMST)

WMST 399 Independent Study in Women's and Gender Studies

TOTAL**18 s.h.****NOTES:**

1. College rules pertaining to curriculum majors also apply to curriculum minors (GPA of at least 2.00 in courses applied toward minor; no Pass/Fail Option grading in courses applied toward minor; residence requirements; etc.)
2. Check proper course sequence and prerequisites with department advisor.

