MINORS

A minor consists of at least 15 semester hours, with no fewer than nine credits at the 3000 level or higher. A student cannot major and minor in the same field or acquire a minor that is not allowed by the degree program. In programs that require a minor, courses may not be used to fulfill both the major and minor requirements. Only courses that are outside the major's subject code may be used to fulfill minor requirements in programs where a minor is required. Regardless of whether a minor, concentration, or emphasis area is required, courses may not be used to fulfill a second minor, concentration, or emphasis area. Even though a course may satisfy two requirements, the credits will only count once toward total hours. Students are encouraged to contact the department offering the minor for advising. Specific requirements are detailed below.

Fulfilling Course Prerequisites
A number of courses in the minors have prerequisite courses. Students should select a minor and take any prerequisite courses as early as possible in their academic careers. Please consult individual course listings for prerequisites.

Accounting (18 credits minimum)
A minor in Accounting requires ACCT 2010, 3110, 3120, and nine hours selected from 3000- or 4000-level accounting courses. Students planning to pursue the Master of Professional Accountancy degree program should select courses in consultation with the school's graduate coordinator.

Adult/Extension Education (15 credits minimum)
A minor in Adult/Extension Education requires AGED 4030, 4400, and nine additional credits selected from the following: AGED 4070, 4280, EDF 4820, PRTM 3080.

Aerospace Studies (24 credits minimum)
A minor in Aerospace Studies requires AS 1090, 1100, 2090, 2100, 3090, 3100, 4090, and 4100. Completion of AS Leadership Laboratory and participation in cadet activities are mandatory. Students must compete for an allocation and be accepted into the Professional Officer Course before enrolling in AS 3090.

Agricultural Business Management (15 credits minimum)
A minor in Agricultural Business Management requires AGRB 3020, 3080, 3190, and at least two courses selected from AGRB 3090, 3510, 4020, 4080, 4090, 4520, 4560, 4600.

Agricultural Mechanization and Business (15 credits minimum)
A minor in Agricultural Mechanization and Business requires six credit hours selected from AGM 2050, 2060, 2210, 2220, 3010, AGED 3030; and nine credit hours selected from AGM 4020, 4050, 4060, 4100, 4520, 4600, 4720.

American Sign Language Studies (15 credits minimum)
A minor in American Sign Language Studies requires 15 credit hours in ASL at the 3000 or 4000 level.

Animal and Veterinary Sciences (15 credits minimum)
A minor in Animal and Veterinary Sciences requires AVS 1500 and 1510; one course selected from AVS 2000, 2010, 2030, 2040, 2060, 2090, 2110, 3020, 3090, 3110, 3230, 4050, or 4550; and nine additional hours selected from any 3000- or 4000-level AVS courses. A maximum of three credits of AVS 3600, 3900, 4410, 4420, 4430 or 4910 may be used.

Anthropology (18 credits minimum)
A minor in Anthropology requires ANTH 2010 and at least six hours selected from ANTH 3010, 3310, (BIOL) 3510, or LANG 3710. Nine additional hours may be selected from any other Anthropology courses, but at least three hours must be taken at the 4000 level. No more than three credits of ANTH 4960 may be counted toward the minor.

Architecture (15 credits minimum)
A minor in Architecture requires ARCH 1010, 4710, 4720, and DSGN 3700. ARCH 4710, 4720, and DSGN 3700 are only offered during the summer at study abroad locations.

Art (15 credits minimum)
A minor in Art requires ART 1030, 1510 or 1520; AAH 1010, 1020 or ART 2100; at least six hours of ART or AAH courses at the 2000 level or above; and at least three hours of ART or AAH courses at the 3000 or 4000 level.

Athletic Leadership (17 credits minimum)
A minor in Athletic Leadership requires 17 credit hours arranged as follows: AL 3490, 3500, 3530, 3610, 3620, 3760, and one of the following: AL 3710, 3720, 3730, 3740, 3750, 3770. Students must complete a coaching internship or athletic administrative internship (AL 4000) with the approval of the Athletic Leadership Coordinator.

Biochemistry (15 credits minimum)
A minor in Biochemistry requires three credits of GEN 3000 or 3020, three credits of BCHM 3010 or 3050 and nine credits of 4000-level Biochemistry courses.

Biological Sciences (20 credits minimum)
A minor in Biological Sciences requires either BIOL 1030/1050 or BIOL 1100; and either 1040/1060 or 1110; plus 12 additional credits selected from BIOL courses at the 3000 level or above, BCHM 3010, 3050, GEN 3000 or GEN 3020, or MICR 3050.

Brand Communications (15 credits minimum)
A minor in Brand Communications requires COMM 3700 and 3760; and nine additional credits selected from COMM 3560, 3710, 3720, 3730, or 3740.

British and Irish Studies (15 credits minimum)
A minor in British and Irish Studies requires 15 credits at the 3000-4000 level, with at least six credits selected from Group I, at least six credits selected from Group II, and the remaining three credits selected from either group at the student's option.

Group I—HIST 3610, 3630, 3650, 3670, 4200

Group II—ENGL 3960, 3970, 4070, 4080, 4100, 4110, 4140, 4150, 4160, 4170, 4180, 4190, 4330, 4440

Business Administration (21 credits minimum)
A minor in Business Administration requires ACCT 2010, ECON 2110, 2120, FIN 3060, LAW 3220, MGT 2010, MKT 3010. Please note that ECON 2120 requires ECON 2110 as a prerequisite. Also, FIN 3060 has prerequisites of ACCT 2010 and a statistics course. See FIN 3060 course description for courses that currently fulfill the statistics requirement. Additionally, these statistics courses may have prerequisites of their own. MKT 3010 requires one of ECON 2000, 2110, 2120 or any 2000-level AGRB class as a prerequisite.

Chemistry (23 credits minimum)
A minor in Chemistry requires CH 1010, 1020, and 15 additional credits selected from the following: BCHM 3010, 3050, 4060, 4230, any CH course (except CH 1040, 1050, 1060, 1410, 1520, 4500, 4520, and 4710), CHE 3070 EES 4110, 4850, ETOX 4210, 4300, FDSC 4100, 4203, 4300, GEOL 3180, MSE 4020, 4150, PHYS 4520, 4810. At least nine of the 15 additional credits must be at the 3000 or 4000 level. Note: Credit will only be given for one of each of the following course sets: BCHM 3010 or BCHM 3050 or CH 3600; CH 3300 or CH 3310; CH 3150 or CH 3170; CH 2010 or CH 2230; CH 2020 or CH 2270 or CH 2290.

Chinese Studies (15 credits minimum)
A minor in Chinese Studies requires 15 credits selected from 3000- and 4000-level CHIN courses, including CHIN 3050 and 3060 and at least one 4000-level literature course.

Cluster (15 credits minimum)
The Cluster minor allows students a somewhat wider choice of course materials than is possible with the conventional subject-matter minor. The general requirement for the Cluster minor is 15 credits in courses numbered higher than 3000, except where noted differently, chosen according to one of the plans below. Courses within the student's major course rubric may not be included in the Cluster minor.

Group I—Social Sciences: anthropology, economics, geography, history, justice studies, political science, psychology, sociology

Group II—Life Sciences: biochemistry, biological sciences, genetics, microbiology

Group III—Physical Sciences: chemistry, geology, physics

Group IV—Engineering: courses in all engineering majors plus engineering mechanics and engineering graphics

*No course in the 1000 series is acceptable toward the minor and not more than six hours in the 2000 series are acceptable.
Minors

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Communication Studies
A minor in Communication Studies requires completion of one of the following options:
- General—CIS&M 2100 (with a C or better) and 12 additional credits selected at the 3000-level or higher.
- Sports Communication—CIS&M 2100 (with a C or better) and 12 additional credits in sports communication selected from CIS&M 3240, 3250, 3260, 3270, 4210, 4230, 4260.

Computer Science
A minor in Computer Science requires CIS&M 2210 and 12 additional credits in computer science of at least nine credits must be at the 3000-level or higher.

Creative Writing
A minor in Creative Writing requires 15 credits, consisting of the following: three credits selected from ENGL 3490, 3510, 4100, 4120, 4130, 4160, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440.

Crop and Soil Environmental Science
A minor in Crop and Soil Environmental Science requires 10 ECON 2010, 2020, and nine more credits selected from ECON 3000–4000 level selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Corporate Finance
A minor in Corporate Finance requires 18 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Film Studies
A minor in Film Studies requires 15 credits in ENGL 3650, 3670, 3930, 4020, 4160, 4200, 4230, 4400, 4410, 4420.

Financial Management
A minor in Financial Management requires FIN 3060, 3150, 3210, 3270, 3290, 3300, 3310, 4780, 4790, 4810.

Forest Products
A minor in Forest Products requires 15 credits selected from ACCT 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 3000–4000 level selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Forest Resource Management
A minor in Forest Resource Management requires 20 ECON 2010, 2020, and at least ten additional credits of ECON 3000–4000 level selected from the list below.

French Studies
A minor in French Studies requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Gender, Sexuality and Women's Studies
A minor in Gender, Sexuality and Women's Studies requires 15 credits as described below.

Geography
A minor in Geography requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

German Studies
A minor in German Studies requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Global Politics
A minor in Global Politics requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Great Works
A minor in Great Works requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Human Resource Management
A minor in Human Resource Management requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

International Engineering and Science
A minor in International Engineering and Science requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Italian Studies
A minor in Italian Studies requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Japanese Studies
A minor in Japanese Studies requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Law Studies
A minor in Law Studies requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Music
A minor in Music requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Natural Resource Economics
A minor in Natural Resource Economics requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Nonprofit Leadership
A minor in Nonprofit Leadership requires completion of 18 credits selected from 4000 level selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Nuclear Engineering and Radiological Sciences
A minor in Nuclear Engineering and Radiological Sciences requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.

Packaging Science
A minor in Packaging Science requires 15 credits selected from any LAW course, or 15 credits from the list below. At least three of these credits must be from Group II and at least three credits must be from Group III.
A minor in Political Science requires POSC 1010; and 12 additional credits distributed as follows: ENGL 4340, 4350, 4460, 4470, 4900.

A minor in Political Theory requires 15 credits in courses that satisfy the Science and Technology in Society requirement. At least six of these credits must be at the 4000 level.

A minor in Public Policy requires POSC 3200, 3300, 3400, 3500, 3950, PTEC 4120, 4130, 4140, 4150, 4160, 4170. Students majoring in Political Science may not major in Political Policy.

A minor in Race, Ethnicity and Migration requires 15 credits as follows: literature (one course), Social studies (two courses), Public Policy (one course), and Sociology (one course).

A minor in Sustainability requires 15 credits as follows: courses in the fields of Environmental Science and Policy (one course), courses in the fields of Energy and Environmental Policy (one course), and courses in the fields of Economics and Business (one course). Students majoring in Sustainability may not major in Environmental Science and Policy.

A minor in Writing requires 15 credits as follows: Writing (one course), Literature (one course), English (one course), and History (one course). Students majoring in Writing may not major in English.

A minor in Women’s Leadership requires HEHD 3140, 3150, 3160, 3170, 3180, and six additional credits from 3000-level or higher WFB courses, except 4630.

A minor in Youth Development Studies requires one of the following: YDP 3000 or 3050; YDP 3100, 3150, or 3200; YDP 4200, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4320, 4340, 4370, 4380, 4470, 4490.

A minor in Writing requires 15 credits as follows: Writing (one course), Literature (one course), English (one course), and History (one course). Students majoring in Writing may not major in English.

A minor in Women’s Leadership requires HEHD 3140, 3150, 3160, 3170, 3180, and six additional credits from 3000-level or higher WFB courses, except 4630.

A minor in Writing requires 15 credits as follows: Writing (one course), Literature (one course), English (one course), and History (one course). Students majoring in Writing may not major in English.