

**University Bulletin**  
**Dec. 13, 2004**

**Proposed changes in College of Arts and Sciences**

Following are proposed curricular changes in the College of Arts and Sciences. If you have questions or concerns, contact David Shih at shihd@uwec.edu or 836-3502 within 15 days of this notice in the *University Bulletin*.

**ART & DESIGN PROGRAM CHANGES**

**FROM:** Pages 70-73 of the *2004-05 Catalogue*

**In addition to the following changes in Art & Design programs, it should be noted that admission procedures to Art & Design Liberal Arts B.A. and B.S. programs are being eliminated.**

**TO:**

**MAJOR: ART**, Liberal Arts (Code 020-201)

Thirty-six semester credits, including:

1. Foundations Courses: 15 credits: Art 107, 108, 109, 110; ArtH 201.
2. Art History Requirement: nine credits, including ArtH 111 and 112, plus three credits.
3. Electives in Studio Art and Art History: 12 credits.
4. Upper Division Requirement: The major must include 12 credits in upper division courses (300-400 level).

**COMPREHENSIVE MAJOR: ART**,

Liberal Arts

Minimum sixty semester credits, including:

1. Foundations Courses: 15 credits should be completed by all majors in the first year of study, Art 107, 108, 109, 110; ArtH 201.
2. One of the emphases described below.
3. Electives in each emphasis must include one course in each of four studio areas outside the emphasis. These must include both two-dimensional and three-dimensional studio art areas except graphic design which can include one course in each of any four studio areas outside the emphasis.

**Graphic Design** (Code 020-062)

Art 274, 275, 276, 281, 374, 375, 376, 474 or 476 (3 credits) ArtH 111, 112, 225; twelve credits of electives in studio or Art History (Art 382 recommended).

**Illustration** (Code 020-069)

Art 240, 244, 312, 332, 341, 342, 345, 443; nine credits of Art History, including ArtH 111, 112 (ArtH 225 recommended); 12 credits of electives in studio or Art History (Art 281, and 340 recommended).

**Photography** (Code 020-068)

Art 281, 381, 382, 383, 481 (3 credits), and 481 or 402 for an additional 3 credits; ArtH 111, 112, 227; 18 credits of electives in studio or Art History; (Art 312 or 274 recommended).

**Painting** (Code 020-066)

Art 240, 244, 247, 344, 347, 349, 402 (3 credits); ArtH 111, 112, 333; 15 credits of electives in studio or Art History; (Art 340 and 341 recommended).

**Sculpture** (Code 020-067)

Art 240, 264, 357, 364, 367, 405 (6 credits.); ArtH 111, 112, 333; 15 credits of electives in studio or Art History; (Art 340 or 341 recommended).

**Ceramics** (Code 020-061)

Art 264, 357, 358, 458 (nine crs.), 405 (3 credits); ArtH 111, 112, 333; 15 credits of electives in studio or Art History; (Art 240 or 341 recommended).

**Drawing** (Code 020-070)

Art 240, 244 or 247, 249 or any 200 level printmaking, 340, 341, 402 (3 credits), 441; ArtH 111, 112, 333; 15 credits of electives in studio or Art History; (Art 332 recommended).

**Printmaking** (Code 020-071)

Art 240, Six credits selected from Art 250, 251, 252, 253; six credits selected from Art 350, 351, 352, 353; Art 402 (3 credits); ArtH 111, 112, 333; 18 credits of electives in studio or Art History; (Art 340 or 341 recommended).

**Metals** (Code 020-065)

Art 240, 264, 367, 368, 405 (six crs.); ArH 111, 112, 333; 18 credits of electives in studio or Art History; (Art 340 or 341 recommended).

**MINOR: ART HISTORY,**

Liberal Arts (Code 030-401)

The Art History minor is open to all University students.

Twenty-four semester credits in Art History courses. ArH 111 and 112 must be completed as the first two Art History courses. Independent Study, ArH 399, 499, cannot exceed three credits total and can only be taken after the accumulation of 12 earned semester credits of Art History and with the written approval of the Art History faculty.

Bachelor of Fine Arts

**COMPREHENSIVE MAJOR: ART**

This degree is a specialty in studio arts and is the appropriate program for art students planning careers in Graphic Design, Illustration, Photography, Painting, Sculpture, Printmaking, Drawing, and Ceramics, as well as for art majors who are planning to attend graduate school.

Minimum seventy-five semester credits, including:

1. Foundations Courses: 15 credits should be completed by all majors in the first year of study, Art 107, 108, 109, 110; ArH 201.
2. One of the emphases described below.
3. Electives in each emphasis must include one course in each of four studio areas outside the emphasis. These must include both two-dimensional and three-dimensional studio art areas except for graphic design electives which must include one course in each of any four studio areas outside the emphasis.

**Graphic Design** (Code 020-012)

Art 274, 275, 276, 281, 374, 375, 376, 476 (3 credits), 477; ArH 111, 112, 225, and three credits of Art History electives; 21 credits of electives in studio or Art History; (Art, 382, 474 recommended).

**Illustration** (Code 020-019)

Art 240, 244, 312, 332, 341, 342, 345, 443; ArH 111, 112 and six credits of Art History electives (ArH 225, 333 recommended); 24 credits of electives in studio or Art History; (Art 281 recommended).

**Photography** (Code 020-018)

Art 281, 381, 382, 383, 481 (6 credits), 481 or 402 for an additional 3 credits; ArH 111, 112, 227, and three credits of Art History electives; 27 credits of electives in studio or Art History; (Art 312 or 274 recommended).

**Painting** (Code 020-016)

Art 240, 244, 247, 344, 347, 348, 349, 402 (3 credits); ArH 111, 112, 333, and three credits of Art History electives; 24 credits of electives in studio or Art History; (Art 264, 340 or 341, 441 recommended).

**Sculpture** (Code 020-017)

Art 240, 264, 357, 364, 367, 405 (nine crs.); ArH 111, 112, 333, and three credits of Art History electives; 24 credits of electives in studio or Art History; (Art 340, 341 recommended).

**Ceramics** (Code 020-011)

Art 264, 357, 358, 458 (nine crs.), 405 (3 credits); ArH 111, 112, 333, and three credits of Art History electives; 27 credits of electives in studio or Art History; (Art 240 or 341 recommended).

**Drawing** (Code 020-020)

Art 240, 244 or 247, 249 or any 200 level printmaking, 340, 341, 402 (3 credits), 441; ArH 111, 112, 333, and three credits of Art History electives; 27 credits of electives in studio or Art History; (Art 342 recommended).

**Printmaking** (Code 020-021)

Art 240, six credits selected from Art 250, 251, 252, 253; and six credits selected from Art 350, 351, 352, 353; 402 (6 credits); ArH 111, 112, 333 and three credits of Art History electives; 27 credits of electives in studio or Art History; (Art 341 recommended).

**Additional B.F.A. Requirements**

1. To apply, students must have a GPA of 3.00 or higher in Art and Art History courses; after admission to the B.F.A. program students must maintain a 3.00 or higher GPA in Art and Art History courses.

2. Students enter the B.F.A. degree program by participation in and passage of a BFA Review, offered each semester. BFA Review guidelines are determined by the individual areas and are available in the Department of Art & Design office HFA 104. A student may apply to the BFA program after completing at least 21 credits in art including all foundations courses, but before the completion of 36 credits in art.
3. B.F.A. degree majors must participate in a Senior Review. This review takes the form of a B.F.A. Degree Candidate's Graduating Senior Exhibition. It takes place in the student's final semester, either in the Foster Gallery or elsewhere in Eau Claire.

\*NOTE: Transfer students who have gone beyond the equivalent courses of the Art Foundations studio course sequence must still participate in and pass the Foundations Review at the next available opportunity for admission to the Comprehensive programs.

### **COMPUTER SCIENCE PROGRAM CHANGES**

**FROM:** Pages 88-89 of the *2004-05 Catalogue*

**TO: MAJOR: COMPUTER SCIENCE**, Liberal Arts

**Software Engineering** (Code 170-205) This major is recommended for students who desire a strong foundation in software design and development. Forty-one semester credits, including:

1. The Computer Science core: CS 185, 245, 250, 255, 265, 330, 352, 355, 362, 365, and 495 (35 crs.)
2. A Computer Science capstone experience and electives, selected from one of the following:
  - a. CS 485 (capstone experience) and three credits of electives chosen from Computer Science courses numbered 330 or higher and not already included in the Computer Science core (six crs.); or
  - b. CS 482, CS 492 (capstone experience) (six crs.)

NOTE 1: Math 114 or equivalent is required.

NOTE 2: CJ 202, Engl 305, or Engl 308 must be used to satisfy the GE-IA requirement if a student has not satisfied the requirement on entry to the University (three credits).

### **COMPREHENSIVE MAJOR: COMPUTER SCIENCE**, Liberal Arts

**FROM:** Page 88 of the *2004-05 Catalogue*

**TO: Computer Engineering** (Code 170-040)

This major is recommended for students who desire a strong foundation in computer engineering and design, supplemented by work in software design.

Seventy semester credits, including:

1. The Computer Science/Computer Engineering core: CS 185, 245, 250, 255, 265, 278, 288, 352, 355, 362, and 462 (38 crs.).
2. The Mathematics core: Math 216, 311, and 345 (12 crs.)
3. The Physics core: Phys 332, 350, and 360 (11 crs.)
4. Three credits of electives chosen from either CE 452 or 478 (three crs.)
5. Three credits of electives chosen from either CVTC 605-169 or Math 313 (three credits)
6. A Computer Engineering capstone experience selected from either CE 490 or 498 (three crs.)

For a degree in Computer Engineering, a student must:

1. Complete either Engl 305 or 308 (satisfies GE-IA);
2. Complete Math 114 and 215 (satisfies GE-IB);
3. Complete Phys 231, 232, and either Chem 103 or 115 (satisfies GE-II);
4. Complete Phil 308 (satisfies GE-IVB).

### **Computer Science** (Code 170-030)

This major is recommended for students who desire a strong foundation in software design and development, computer systems and networking, and mathematics. The B.S. degree program in computer science is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). A minimum of sixty semester credits, including:

1. The Computer Science core: CS 185, 245, 250, 255, 265, 330, 352, 355, 362, 365, 462, and 495 (38 crs.)
2. The Mathematics core: Math 114, 215, and either 246 or 345 (12 crs.)
3. Three credits of electives chosen from the following list of Mathematics courses: Math 216, 250, 311, 313, 324, 351, 352, 354, 355, and 358 (three-four crs.)
4. A Computer Science capstone experience and electives, selected from one of the following:

- a. CS 485 (capstone experience) and six credits of electives chosen from Computer Science courses numbered 330 or higher and not already included in the Computer Science core (nine crs.);
- b. CS 482, CS 492 (capstone experience), and three credits of electives chosen from Computer Science courses numbered 330 or higher and not already included in the Computer Science core (nine crs.).

For a degree in Computer Science, a student must:

1. Complete CJ 202 or Engl 305 or Engl 308 (satisfies GE-IA);
2. Complete Phil 308 (satisfies GE-IVB);
3. Complete one lab science sequence chosen from:
  - (a) Phys 211 and 212 (nine crs.), plus a minimum of three additional credits of science courses chosen from the list of allowed courses, or
  - (b) Phys 231 and 232 (ten crs.), plus a minimum of two additional credits of science courses chosen from the list of allowed courses.

Allowed science courses: Biol 110, 111, 130, 160, 196, 326, 330, 353, 392; Chem 103, 104, 115, 150; Geog 104, 178, 345, 368; Geol 110, 115, 301, 303, 308; Phys 226, 229.

### **Geographic Information Systems/Remote Sensing (Code 170-020)**

This major is recommended for students interested in the development of complex software systems used in geographic applications, including manipulation of geographic databases and aerial/satellite images. A minimum of sixty-three semester credits including:

1. The Computer Science core: CS 185, 245, 250, 255, 265, 352, 355, and 365 (28 crs.)
2. Statistics: Math 246 or Geography 328 (three-four crs.)
3. Landforms: Geology 110 or 115, 308 or 345 (seven crs.)
4. Plant forms: Biology 195, 338 (seven crs.)
5. Geographical systems: Geography 280, 339, 335, 338 (12 crs.)
6. Capstone experience and electives, selected from one of the following:
  - a. CS 485 (capstone experience) and three credits of electives chosen from Computer Science courses numbered 330 or higher and not already included in the Computer Science core (six crs.);
  - b. CS 482, CS 492 (capstone experience) (six crs.).

NOTE: CS 185 serves as a substitute for Geog 199 where it is listed as a prerequisite for Geography courses.

### **MINOR: COMPUTER SCIENCE, Liberal Arts**

#### **Liberal Arts Emphasis (Code 170-401)**

Twenty-eight semester credits, including:

1. CS 185, 245, 250, 255, and 265 (19 crs.)
2. Nine credits selected from Computer Science courses numbered 330 or higher.