

COMPUTER SCIENCE MASTER'S BRIDGE CERTIFICATE

Computer Science Master's Bridge Certificate

Students are eligible to apply to the Computer Science Masters Bridge Certificate Program (CSMBC) if they have completed the equivalent of a 3-year undergraduate degree at an institution of higher education outside of the United States and wish to pursue a computer science graduate degree in the United States.

Admissions and Enrollment Protocols

1. Admission to the Computer Science Masters Bridge Certificate Program (CSMBC)

- Students apply to the Computer Science graduate program with all required materials (English proficiency scores, transcript and transcript evaluation, financial statement, graduate application fee, etc.) and apply to CSMBC
- If academically qualified for admission to the CS master's program and possessing a minimum 2.5 undergraduate GPA, the School of Graduate Studies provides the CSMBC students with a letter of conditional admission, contingent upon successful completion of the CSMBC and Undergraduate Admissions will provide a full admission letter for the CSMBC

2. Advising and Good Standing

- Computer Science Masters Bridge Certificate students will be advised primarily by the College undergraduate advising office.
- Students may not enroll in more than one on-line course per semester
- CSMBC students must maintain a 2.0 cumulative GPA each semester to remain in good standing. They may be dismissed, pending appeal to the college Assistant Dean, if they are not in good standing.

3. Certificate Achievement and Graduate Studies Admission

- CSMBC students who complete the 30-credit program with a cumulative GPA of 2.75 or higher will be admitted to the CS graduate program in good standing.
- CSMBC students who complete the 30-credit program with a cumulative GPA of between 2.5 and 2.74 may be admitted to the CS graduate program on probation.
- Students admitted to the CS graduate program will receive a letter of full admission.

Certificate Requirements

Computer Science Masters Bridge Certificate - 30 units of UW-Whitewater coursework and a 2.75 UW-W cumulative GPA are required to earn the certificate.

| Code | Title | Units |
|--|---------------------|-------|
| Computer Science and Mathematics requirements- total of 12-15 units chosen from the core and electives areas. | | 12-15 |
| Computer Science Core - 12 units or waivers | | |
| COMPSCI 215 | DISCRETE STRUCTURES | |

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| or MATH 280 | DISCRETE MATHEMATICS | |
| COMPSCI 223 | DATA STRUCTURES | |
| COMPSCI 412 | COMPUTER ORGANIZATION AND SYSTEM PROGRAMMING | |
| COMPSCI 433 | THEORY OF ALGORITHMS | |
| Computer Science/Math Electives chosen in consultation with the program advisor from the following list. | | |
| Any 300 or 400-level Computer Science course | | |
| MATH 253 | CALCULUS AND ANALYTIC GEOMETRY I (GM) | |
| MATH 254 | CALCULUS AND ANALYTIC GEOMETRY II | |
| MATH 255 | CALCULUS AND ANALYTIC GEOMETRY III | |
| MATH 342 | APPLIED STATISTICS | |
| MATH 355 | MATRICES AND LINEAR ALGEBRA | |
| MATH 361 | DIFFERENTIAL EQUATIONS | |
| MATH 441 | | |
| MATH 450 | GRAPH THEORY | |
| MATH 471 | NUMERICAL ANALYSIS | |
| Breadth Requirements - total of 15-18 units | | 15-18 |
| GENED 390 | WORLD OF IDEAS (GH) | 3 |
| U.S. History, Politics, and Culture 3-6 units | | |
| ENGLISH 163 | INTRODUCTION TO U.S. CULTURE FOR INTERNATIONAL STUDENTS | |
| ENGLISH 265 | MULTICULTURAL LITERATURE OF THE UNITED STATES | |
| AMERIND/HISTRY 102 | INTRODUCTION TO AMERICAN INDIAN STUDIES (DV)(GH) | |
| AMERIND 305 | NATIVE NORTH AMERICA TODAY: PEOPLE, CULTURE AND SURVIVAL | |
| AFRIAMR/HISTRY 141 | MODERN BLACK AMERICAN HISTORY (DV) (GE) | |
| CHICANO 150 | | |
| HISTRY 124 | AMERICAN HISTORY TO 1877 (DV) (GH) | |
| HISTRY 125 | AMERICAN HISTORY SINCE 1877 (DV)(GH) | |
| HISTRY 323 | RACE, ROCK & ROLL AND AMERICAN HISTORY (DV)(GH) | |
| HISTRY 324 | AMERICAN INDIAN HISTORY | |
| POLISCI 141 | AMERICAN GOVERNMENT AND POLITICS | |
| POLISCI 217 | AMERICAN MINORITY POLITICS | |
| POLISCI 266 | ASIAN AMERICANS IN U.S. POLITICS | |
| RELIGST 351 | RELIGION IN AMERICAN CULTURE | |
| SOCIOLGY 265 | RACE AND ETHNIC RELATIONS (DV) (GS) | |
| SOCIOLGY 285 | ASIAN AMERICANS (DV) (GS) | |
| SOCIOLGY 344 | RACE, ETHNICITY AND FILM (DV) | |
| WOMENST 100 | INTRODUCTION TO WOMEN'S AND GENDER STUDIES | |
| WOMENST 250 | WOMEN IN AMERICAN CULTURE (GE) | |
| Communication Skills 3-6 units | | |
| COMM 110 | INTRODUCTION TO PUBLIC SPEAKING | |
| COMM 228 | INTERPERSONAL COMMUNICATION | |
| COMM 240 | PUBLIC SPEAKING (GH) | |
| COMM 242 | COMMUNICATION AND TEAM BUILDING (GH) | |
| COMM 345 | PERSUASION | |

COMM 424 CROSS CULTURAL COMMUNICATION

ENGLISH 370 ADVANCED COMPOSITION

ENGLISH 372 TECHNICAL AND SCIENTIFIC WRITING

Personal and Social Responsibility 3 units

INTRAUNV 246

LIBST 350 TECHNOLOGY AND SOCIAL
RESPONSIBILITY (GH)

PHILSPHY 245 CONTEMPORARY MORAL ISSUES (GH)

PHILSPHY 261 INTRODUCTION TO ETHICS (GH)