

Eastern Michigan University

Transfer Guide for EMU students wishing to transfer to U of M-Dearborn in Academic Year 2008-2009

Contact: U of M-Dearborn Admissions (313) 593-5100

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B. S. in Computer and Information Science or in Software Engineering

UNIVERSITY of MICHIGAN – DEARBORN Courses and Course Groups	EASTERN MICHIGAN UNIVERSITY EMU transferable courses applicable to the major:	EMU Credits	UM-Db Credits
1. Composition 105 and 270 (6 credits)	English 121 and 225 *	6	6
2. Economics 201 (3 credits)	Economics 201	3	3
3. Humanities (6 credits) Two courses in the humanities. See note below **	Humanities ** Two transferable courses from: Art History, Music History, Philosophy, English Literature, Comparative Literature, or Foreign Lang	6	6
4. Behavioral/Social Sciences (6 credits) Two courses in the behavioral/social sciences. See note below **	Behavioral/Social Sciences ** Two transferable courses from: African-American Studies, Anthropology, Psychology, Sociology, Econ 202, History, Political Science, Women/Gender Studies	6	6
5. Mathematics Math 115, 116, 217 (or 227)	Mathematics Math 120, 121, 122	11	10
6. Natural Science – a two-course sequence (8 hrs) CIS students, either Computer Science (CS) Option or Information Systems (IS) Option, and SE students, need eight credits in a sequence of two courses, with labs , in one science discipline.	Take two science courses (8 credits) from one 2-course sequence (e.g. Phys I & Phys II) below: EITHER Biology 110 and 120 (5 and 5) OR Chemistry 121+122 and 123+124 (4 and 4) OR Physics 221 and 222 (4 and 4) ** OR Physics 223 and 224 (5 and 5) **	8 (or 10)	8
7. Natural Science – additional course (4 credits) NOT needed for CIS-IS Option The third laboratory science course (4 credits), needed for CIS-CS and SE, may be in a different science from the two science courses above.	Take one other science course from: NOT needed for CIS-IS Option Biology 110, 120, Chemistry 121+122, 123+124 Geology 160, 161 Physics 221, 222, 223, 224 **	4 (or 5)	4
8. Computer and Information Science CIS 150 (4 credits) CIS 200 (4) CIS 275 (4) CIS 306 (4) CIS 310 (4) CIS 350 (4) CIS 427 (4) CIS 450 (4) CIS 400 (4)	Computer and Information Science COSC 111 COSC 211 COSC 314 COSC 444 COSC 321 COSC 311 COSC 439 COSC 423 COSC 341 [Other COSC courses may also transfer.]	3, 3, 3 3, 3, 3 3, 3, 3	3, 3, 3 3, 3, 3 3, 3, 3
9. Specific Programming Language Take one from: CIS 294, 296, or 297	Take only one from [No present equivalent at EMU]		3
10. ACC 298 (3) [needed for IS Option only]	Acct 240 [needed in IS Opt only]	3	3
11. Electives outside cis, math, science, enginrng 6 credits for <u>CIS Computer Science</u> (CS) Option 4 credits for <u>Software Engineering</u> (SE) major	Electives outside cis, math, science, and engineering. Additional courses from rows #3 or #4, or other transferable courses outside cis, math, science, engin	Varies	6 in CS 4 in SE
12. General Electives 8 credits for <u>CIS Information Systems</u> (IS) Option	General Electives: Additional courses taken from rows above or other transferable courses	Varies	8 in IS

* All U of Michigan-Dearborn students, both freshmen and transfers, are required to take an English Composition placement test. Students who have taken Eng 121 and 225 but place below Comp 105 will need to take Comp 227 at U of M-Dearborn

** Credit for only one from Physics 221 and 223 if both are taken. Credit for only one from Physics 222 and 224 if both are taken.

Notes (apply to both sides of this sheet):

- Seven undergraduate programs offered: BS in Computer and Information Science or in Software Engineering, and BSE in Electrical, Industrial and Systems, Manufacturing, Mechanical, or Computer Engineering – all with option of the co-op prog. Dual degrees are offered in EE/CE and in ISE/MFGE. Dual degree also offered in Engr or CIS Mathematics. Manufacturing Engr and Industrial and Systems Engr are the only two undergraduate degree programs offered in the evening.
- GPA of 2.75** (overall, separate mathematics, separate science, separate CIS/Engr GPAs) needed for admission to CECS.
- Maximum 75 total credits transfer from a four-year school. Courses with a C- grade or below do not transfer.
- Transfer is possible for either Fall (Sept), Winter (Jan), or Summer (May) semester entry.
- Since requirements may change, it's a student's responsibility to check with UM-Dearborn Admissions for latest information.

CECS April 2008