

### WAYNE County Community College Transfer Guide

for Academic Year 2008-2009

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

E-Mail: [admissions@umd.umich.edu](mailto:admissions@umd.umich.edu)

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

UNIVERSITY of MICHIGAN – DEARBORN Courses and Course Groups Required	WAYNE COUNTY COMMUNITY COLLEGE Transferable courses applicable to the major:	WCCC Credits	U M-Db credits
<b>1. Composition 105 and 270</b> (6 credits)	<b>English 110 and 120</b> [see note * ]	6	6
<b>2. Economics 201</b> (3 credits)	<b>Economics 101</b>	3	3
<b>3. Humanities</b> (Hum) (6 credits)  Take two courses in the humanities. See note below **	<b>Humanities **</b> Take any two courses from: ENG 212, 228, 231, 232, 233, 234, 240, 250, 252, 260, 261, 266, 290, HUM 211, 212, 221, 222, PHL 101, 102, 201, 211, 221, Foreign Lang	6 or 8	6
<b>4. Behavioral/Social Sciences (BS/SS)</b> (6 credits)  Take two courses in the behavioral/social sciences. See note below **	<b>Behavioral/Social Sciences **</b> Take any two from: AAS 131, ANT 152, 153, 154, 201, 210, ECO 102, HIS 151, 152, 220, 230, 249, 250, 261, 262, MWS 103, 114, PS 101, 104, 160, PSY 101, 202, 220, 250, 260, 270, SOC 100, 103, 104, 230, 245, 250, WS 218	6	6
<b>5. Mathematics:</b> Math 115, 116, 217 (or 227)	<b>Mathematics:</b> Math 171, 172, 272	11	10
<b>6. Natural Science</b> – two-course sequence (8 hrs)  CIS students (both Computer Science (CS) Option and Information Systems (IS) Option) and SE students, need eight credits in a sequence of two courses, <b>with labs</b> , in the same science discipline.	Take <b>two science courses</b> (8 credits) in a two-course sequence (e.g. Phys I and Phys II) from: EITHER Biology 165+175 and 295 OR Chemistry 136 and 145 OR Physics 235 and 245 *** OR Physics 265 and 275 ***	8	8
<b>7. Natural Science</b> – additional course (4 hrs) <b>NOT needed for CIS-IS Option</b> The third laboratory science course (4), needed for CIS-CS and SE, may be in a different science from the two science courses above.	Take <b>one other science course</b> from: *** <b>NOT needed for CIS-IS Option</b> Geology 210, Bio 151, 155, 165+175, 295, Chemistry 136, 145, 155, 250, 252, 255 Physics 235, 245, 265, 275	4	4
<b>8. Computer and Information Science</b> CIS 150, C++ (4 credits)	<b>Computer and Information Science</b> CIS 259	4	4
<b>9. Specific Programming Language</b> Take one from: CIS 294 or CIS 296	Take only one from: CIS 203 or CIS 207	3	3
<b>10. ACC 298</b> (3) [needed for IS Option only]	Accounting 110 [required for IS Option only]	4	3
<b>11. Electives outside cis, math, science, enginrng</b> 6 credits for <u>CIS Computer Science</u> (CS) Option 4 credits for <u>Software Engineering</u> (SE) degree	<b>Electives outside cis, math, science, and engineering.</b> Additional courses from rows #3, #4, or other transferable courses outside cis, math, science, engin.	Varies	6 in CS 4 in SE
<b>12. General Electives</b> 8 credits for <u>CIS Information Systems</u> (IS) Option	<b>General Elects:</b> 8 hrs from CIS 110, 112, 260, ACC 111, or other courses from rows #3 or #4	Varies	8 in IS

\* All U of M-Dearborn students, both freshmen and transfers, are required to take an English Composition placement test.

Students who have taken Eng 110 and 120 but place below Comp 105 will need to take Comp 227 at U of M-Dearborn.

\*\* After transfer to UM-Db, CS option students take **one** 300/400-level course in one **same** subject used in either Hum or BS/SS.

\*\*\* Credit for only one from Physics 235 and 265 if both are taken. Credit for only one from Physics 245 and 275 if both are taken.

**NOTES** (apply to both sides of this sheet):

- Seven undergraduate programs offered: BS in Computer & Information Science or in Software Engineering, and BSE in Electrical, Industrial & Systems, Manufacturing, Mechanical, or Computer Engineering – all with option of co-op program. Manufacturing Engr and Industrial and Systems Engr are the only two undergraduate degree programs offered in the evening.
- GPA's of 2.75** (overall GPA, separate math GPA, and separate science GPA) needed to enter Coll of Engineering and Computer Science. **A maximum of 62 credits** transfer from community colleges. Courses with C- grade or below do not transfer.
- Transfer is possible before completion of all courses listed, for either Fall (Sept), Winter (Jan), or Summer (May) entry.
- Since requirements may change, it's a student's responsibility to check with UM-Dearborn Admissions for latest information.

CECS April 2008

[www.engin.umd.umich.edu/pros\\_students/undergrad\\_info.php](http://www.engin.umd.umich.edu/pros_students/undergrad_info.php)