UNIVERSITY OF MICHIGAN-DEARBORN
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

WAYNE STATE UNIVERSITY Transfer Guide
For WSU students wishing to transfer to U of M-Dearborn

Contact: U of M-Dearborn Admissions (313) 593-5100   E-Mail: admissions@umd.umich.edu

B. S. in Computer and Information Science, Digital Forensics, or Software Engineering

UNIVERSITY of MICHIGAN – DEARBORN Courses and Course Groups	WAYNE STATE UNIVERSITY WSU transferable courses applicable to the major:	WSU Credits	UM-Db Credits
1. Composition 105 and 270 (6 credits)	**English** ENG 1020 and ENG 3050 *	6	6
2. Economics 201 (3 credits)	**Economics** ECO 1000 [Not needed for DF]	3	3
3. Humanities Area Two Courses (6 credits) ‡ NOTE: Digital Forensics requires **only one** humanities area course → → → →	**Humanities** Two transferable courses from: Art History, Music History, Philosophy, English Lit, Comparative Literature, or Foreign Language	6	6

4. Behavioral/Social Sciences (6 credits)
    Two courses in the behavioral/social sciences.
  † NOTE: Digital Forensics requires intro to
        political science and intro to sociology →
	Behavioral/Social Sciences **
	Two transferable courses from:
	    Anthropology, Economics, Geography, History,
	    Political Science, Psychology, Sociology
		6	6

5. Mathematics: Math 115, 116, 217 (or 227)	**Mathematics**: MAT 2010, MAT 2020, MAT 2250	11	10
6. **Natural Science** – a two-course sequence (8 hrs) Take 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 BIO 1500 and BIO 1510 (5 and 5) OR Chemistry CHM 1020 and CHM 1030 (4 and 4) OR Physics PHY 2130 and PHY 2140 (4 and 4) ** OR Physics PHY 2170 and PHY 2180 (5 and 5) **	8 (or 10)	8
7. Natural Science – additional course (4 credits) **NOT needed for CIS-INSY** or **Digital Forensics** 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 the following: **NOT needed for CIS-INSY** or **Digital Forensics** Biology BIO 1500, BIO 1510 Chemistry CHM 1020, CHM 1030, Geol GEL 1010 Physics PHY 2130 and PHY 2140, OR PHY 2170 and PHY 2180**	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)
	Computer and Information Science
	CSC 2000 CSC 2110 CSC 1500
	CSC 4500 CSC 4100 CSC 2200
	Other WSU CSC courses – consult CECS advisor
		3, 4, 3
		3, 4, 4
		varies
			3, 4, 3
			3, 4, 4
			varies

9. Programming Language   **[Not for DF]**
   Take one from: CIS 294, CIS 296, CIS 297
   (Game Design track requires CIS 297)
	Take only one from: **[Not for DF]**
	CSC [not presently available]
			3

10. ACC 298 (3) [only for **INSY** concentration]	ACC 3010 [only for INSY concentration]	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** <u>outside</u> cis, math, science, and engineering. Additional courses from rows #3, #4, or transferable courses outside cis, math, science, and engineering	Varies	6 in CS 4 in SE
12. General Electives 7 credits for <u>CIS Information Systems</u> concentration	**General Electives**: Additional courses taken from rows above, or other transferable courses	Varies	7 in INSY

*   All U of Michigan-Dearborn students, both freshmen and transfers, are required to take an English composition placement test.
      Students who have taken Eng 1020 and 3050 but place below Comp 105 will need to take Comp 227.
** Credit for only one from Physics 2130 and 2170 if both are taken. Credit for only one from Physics 2140 and 2180 if both taken.
Notes (apply to both sides of this sheet):
1. Nine undergraduate programs: BS in *Computer and Information Science*, *Digital Forensics, Software Engineering*, and BSE in
   Bioengineering, Electrical, Industrial and Systems, Manufacturing, Mechanical, or *Computer Engineering*, all w co-op option.
   Combinations to earn two degrees concurrently are also available.
2. **GPAs of 2.75** (overall GPA, separate math GPA, separate science GPA, separate CIS/Engi GPA) needed to enter CECS.
3. Maximum 75 credits transfer from a four-year university. Courses with a C- grade or below do not transfer.
4. Since requirements may change, it's a student's responsibility to check with UM-Dearborn Admissions for latest information.

www.engin.umd.umich.edu/pros_students/undergrad_info.php CECS May '12