COMPUTER SCIENCE MAJOR

Program Tracking Sheet

Effective for students entering AY 2022-2023

Class Year:

2nd Major:

1/3				Effective	for stud
OTES: Minimum total academic credit = 15 units Residency Req.: Min. of 8 units must be completed at WPI UMANITIES AND ARTS (6/3 units) II 5 HUA courses must be completed before beginning the Inquiry Seminar repracticum. epth Component tudents must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At tast one of the three courses should be at the 2000-level or above. Course Term Grade Unit: Course Term Grade Unit: HU 3900 or HU 3910 1/3 Featht Component tudents must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner. art/art history, drama/theatre, and music (AR, EN/TH, MU); foreign languages (AB, CN, EN, GN, SP); Iliterature and writing thetoric (EN, WR, RH); Inistory and international studies (HI, HU, INTL); philosophy and religion (PY, RE). xception: May take all six courses in a foreign language MHYSICAL EDUCATION (4 PE classes = 1/3 unit) OCIAL SCIENCE (2/3 unit) ECON, ENV, GOV, PSY, SD, SOC, SS, TS, DEV and ID2050 HE INTERACTIVE QUALIFYING PROJECT (3/3 unit) Course Term Grade Unit. 1/1 1/2 REE ELECTIVES (3/3 unit) 1/3 COMPUTER SCIENCE (18/3 units) (Notes 1, 2) Includes 1 unit of MQP. REE ELECTIVES (3/3 unit) 1/4 1/7 1/7 1/7 1/7 1/7 1/7 1/7	Name	e:			
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HU 3900 or HU 3910	3				1/3
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2 1/2 REE ELECTIVES (3/3 unit) 3 1/2 4 1/2 5 1/2 OMPUTER SCIENCE (18/3 units) (Notes 1, 2) Includes 1 unit of MQP. 6 1/2 7 1/2 8 1/2 9 1/2 0 1/2 1 1/2					1/3
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5 1/3 OMPUTER SCIENCE (18/3 units) (Notes 1, 2) Includes 1 unit of MQP. 6 1/3 7 1/3 8 1/3 9 1/3 10 1/3 11 1/3	14				1/3
OMPUTER SCIENCE (18/3 units) (Notes 1, 2) Includes 1 unit of MQP. 6 1/3 7 1/3 8 1/3 9 1/3 0 1/3 1 1/3 1 1/3 1 1/3	15				1/3
6		PUTER SCIENCE (18/3 units) (N	lotes 1, 2) Includes	1 unit of MC	
8 1/3 9 1/3 0 1/3 1 1/3	16		, _,	3	1/3
9 1/3 0 1/3 1 1/3	17				1/3
0 1/3 1 1/3	18				1/3
1 1/3	19				1/3
	20				1/3
0 1	21				1/3

23

24

25

26

27				1/3			
28				1/3			
29				1/3			
30				1/3			
31				1/3			
32				1/3			
33				1/3			
MATHEMATICS (7/3 units) (Notes 2, 3, 5)							
34				1/3			
35				1/3			
36				1/3			
37				1/3			
38				1/3			
39				1/3			
40				1/3			
BASIC SCIENCE and/or ENGINEERING SCIENCE (5/3 units) (Notes 2,4)							
41				1/3			
42				1/3			
43				1/3			
44				1/3			
45		·		1/3			

Note 1:

1/3

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- a. Only CS 1101, CS 1102 and computer science courses at the 2000-level or higher will count towards the computer science requirement.
 CS 2119 will not count towards the computer science requirement
- b. Must include at least 1/3 unit from each of the following areas: Systems (CS 3013, CS 4513, CS 4515, CS 4516), Theory and Languages (CS 3133, CS 4120, CS 4123, CS 4533, CS 4536), Design (CS 3041, CS 3431, CS 3733, CS 4233), and Social Implications of Computing (CS 3043, GOV/ID 2314, GOV 2315, IMGD 2000, IMGD 2001, RBE 3100). (If GOV/ID 2314, GOV 2315, IMGD 2000, IMGD 2001, or RBE 3100 is used to satisfy this requirement, it does not count as part of the 6 units of CS).
- c. At least 5/3 units of the Computer Science requirement must consist of 4000-level or graduate CS courses, except for CS 5007.
- d. Only one of CS 2301 and CS 2303 may count towards the computer science requirement. Only one of CS 2102, CS 210X, and 2103 may count towards the computer science requirement.

Note 2: A cross-listed course may be counted toward only one of areas a, b, and c above.

Note 3: Must include at least 1/3 unit from each of the following areas: Probability (MA 2621, MA 2631) and Statistics (MA 2611, MA 2612).

Note 4: Courses satisfying the science requirement must come from the AE, BB, BME, CE, CH, CHE, ECE, ES, GE, ME, PH, RBE disciplines . At least three courses must come from BB, CH, GE, PH, where at least two courses are from one of these disciplines.

Note 5: At most four 1000-level Mathematics courses may be counted towards this requirement.