## **COMPUTER SCIENCE MAJOR**

## **Program Tracking Sheet**

Effective for students entering AY 2021-2022

Class Year:

2<sup>nd</sup> Major:

Nan	ne:				
Adv	isor:				
<u> 10</u>	TES: Minimum total academic Residency Req.: Min. of			eted at WPI	
	readiabley read with are	o ariito mat	or bo compre	nou at vii i	
All 5	MANITIES AND ARTS (6/3 uni 5 HUA courses must be comple Practicum.		beginning t	he Inquiry S	eminar
	oth Component				
Stud	dents must complete at least the culminating Inquiry Seminar or to one of the three courses show	Practicum	in the sam	e thematic a	
eas	Course	uiu be at tii	Term	Grade	Units
1	Course		101111	Orado	1/3
2					1/3
3					1/3
4	HU 3900 or HU 3910				1/3
Bre	adth Component				1
	terature and writing rhetoric (E		`		
/. p	istory and international studies hilosophy and religion (PY, RE eption: May take all six courses	s (HI, HU, II E).	NTL);		
v. p Exc 5	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses	s (HI, HU, II E).	NTL);		1/3
/. p Exc 5 Hur	istory and international studies hilosophy and religion (PY, RE	s (HI, HU, II E).	NTL);		
v. p Exc 5	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses	s (HI, HU, II E).	NTL);		1/3
/. p Exc 5 Hur 6	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses	s (HI, HU, II i). s in a foreig	NTL); gn language		1/3
/. p Exc 5 <b>Hur</b> 6	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective	s (HI, HU, II i). s in a foreig	NTL); gn language		1/3
/. p Exc 5 <b>Hur</b> 6	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective	s (HI, HU, II i). s in a foreig	NTL); gn language		1/3 1/12 1/12
/. p =xc 5 Hur 6	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective	s (HI, HU, II i). s in a foreig	NTL); gn language		1/3 1/12 1/12 1/12
7. p Exc 5 Hur 6 PH)	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses manities Elective  /SICAL EDUCATION (4 PE cla	s (HI, HU, If i). s in a foreig asses = 1/3	NTL); gn language		1/3 1/12 1/12 1/12 1/12
7. p 5. Solution (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective	s (HI, HU, If i). s in a foreig asses = 1/3	NTL); gn language		1/3 1/12 1/12 1/12 1/12
7. p  Exc  5  Hur  6  PHY  7	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses manities Elective  /SICAL EDUCATION (4 PE classes)	s (HI, HU, If i). s in a foreig asses = 1/3	NTL); gn language		1/3 1/12 1/12 1/12 1/12
7. p Exc 5 Hur 6 7	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses manities Elective  /SICAL EDUCATION (4 PE classes)	s (HI, HU, If i). s in a foreig asses = 1/3	NTL); gn language		1/3 1/12 1/12 1/12 1/12
7. pExc 5 Hur 6 7 7 8 9	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses manities Elective  /SICAL EDUCATION (4 PE classes)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/12 1/12 1/12 1/12 1/12
7. p  SOC  STS  8  9  THE	istory and international studies shilosophy and religion (PY, RE eption: May take all six course: manities Elective  (SICAL EDUCATION (4 PE classical CIAL SCIENCE (2/3 unit) ECO 5, DEV and ID2050	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/12 1/12 1/12 1/12 1/12
7. p  Hur  6  PH)  7  SOC  STS  8  9  THE	istory and international studies shilosophy and religion (PY, RE eption: May take all six course: manities Elective  (SICAL EDUCATION (4 PE classical CIAL SCIENCE (2/3 unit) ECO 5, DEV and ID2050	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/13 1/12 1/12 1/12 1/12 1/3 1/3
7. p  Hur  6  PH)  7  SOC  STS  8  9  THE	istory and international studies shilosophy and religion (PY, RE eption: May take all six course: manities Elective  (SICAL EDUCATION (4 PE classical CIAL SCIENCE (2/3 unit) ECO 5, DEV and ID2050	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/12 1/12 1/12 1/12 1/12 1/3 1/3
7. p  SOC  STEAM  7  THE	istory and international studies shilosophy and religion (PY, RE eption: May take all six course: manities Elective  (SICAL EDUCATION (4 PE classical CIAL SCIENCE (2/3 unit) ECO 5, DEV and ID2050	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/12 1/12 1/12 1/12 1/12 1/3 1/3 1/3
7. pExc 5 Hur 6 PHN 7 SO( STS 8 9 THE 11 11 11 11 11 11 11 11 11 11 11 11 11	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes of the second state of the second sta	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/13 1/12 1/12 1/12 1/3 1/3 1/3 1/3 1/3 1/3
7. pExc 5 Hur 6 PHN 7 SO( STS 8 9 THE 11 11 11 11 11 11 11 11 11 11 11 11 11	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes of the second state of the second sta	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language		1/13 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3
7 SOC STS 8 9 THE 11 11 11 11 11 11 11 11 11 11 11 11 11	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes)  CIAL SCIENCE (2/3 unit) ECOS, DEV and ID2050  E INTERACTIVE QUALIFYING  EE ELECTIVES (3/3 unit)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3
7. phi 6 phi 7 7 SO(6 STS 8 9 THE 10 11 12 FRE 13 14 15 COI	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes of the second state of the second sta	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3 1/3 QP.
7. pHY 7 SO(6) STS 8 9 THE 113 114 115 COI 116	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes)  CIAL SCIENCE (2/3 unit) ECOS, DEV and ID2050  E INTERACTIVE QUALIFYING  EE ELECTIVES (3/3 unit)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/12 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3
7. phi 6 PHI 7 7 8 8 9 11 12 FRE 13 14 15 16 17	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes)  CIAL SCIENCE (2/3 unit) ECOS, DEV and ID2050  E INTERACTIVE QUALIFYING  EE ELECTIVES (3/3 unit)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/
7. phi 6 PHI 7 800 8 9 THE 13 14 15 COI 18	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes)  CIAL SCIENCE (2/3 unit) ECOS, DEV and ID2050  E INTERACTIVE QUALIFYING  EE ELECTIVES (3/3 unit)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/
7. phi 6 PHI 7 7 8 8 9 11 12 FRE 13 14 15 16 17	istory and international studies shilosophy and religion (PY, RE eption: May take all six courses nanities Elective  //SICAL EDUCATION (4 PE classes)  CIAL SCIENCE (2/3 unit) ECOS, DEV and ID2050  E INTERACTIVE QUALIFYING  EE ELECTIVES (3/3 unit)	(HI, HU, If i). s in a foreig asses = 1/3 N, ENV, G	NTL); gn language  B unit)  COV, PSY, S  (3/3 unit)	D, SOC, SS	1/3 1/12 1/12 1/12 1/12 1/13 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/

22

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				

## Note 1:

45

1/3

1/3

1/3

1/3

1/3

- 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, 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 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.