

# DS + CS Double Major (BS)

Course	Term	Grade	Units	
<b>DS Core</b>			3/3	
1			1/3	DS 1010
2			1/3	DS 2010
3			1/3	DS 3010

<b>Business Courses</b>			2/3	
4			1/3	[4]
5			1/3	[5]

<b>Data Privacy and Ethics</b>			1/3	
6			1/3	

<b>Disciplinary Electives</b>			4/3	
7			1/3	
8			1/3	
9			1/3	
10			1/3	

<b>Computer Science</b>			15/3	
11			1/3	Any CS
12			1/3	CS 2223
13			1/3	Any CS 2000+
14			1/3	Any CS 2000+
15			1/3	Any CS 2000+
16			1/3	Any CS 2000+
17			1/3	Any CS 2000+
18			1/3	Any CS 2000+
19			1/3	Any CS 2000+
20			1/3	Any CS 2000+
21			1/3	Any CS 4000+
22			1/3	Any CS 4000+
23			1/3	Any CS 4000+
24			1/3	Any CS 4000+
25			1/3	Any CS 4000+

The 15 CS courses above must include at least one course in each of the following areas:

	Systems: CS 3013, 4513, 4515 or 4516
	Theory: CS 3133, 4120, 4123, 4533 or 4536
	Design: CS 3041, 3431, 3733 or 4233
	Social: CS 3043 [6]

You must choose five 4000+ courses minimum.

Other DS + CS double major course restrictions:

Only CS 1101, CS 1102 and CS courses at the 2000-level or higher can be counted. Only one of CS 1101 and CS 1102 may count.

CS 2119 and CS 2301 may not be counted. CS AP credits cannot be applied.

A cross-listed course may only be counted once.

[1] A cross-listed course may be counted toward only one of the areas Computer Science, Mathematics, Basic Science and/or Engineering.

[2] At most 3 MA 1000 courses may be counted towards this requirement.

[3] Two of the courses must be chosen from MA 1020, MA 1021, MA 1022, MA 1120, or from MA electives listed in the DS Major section of the catalog

[4] OBC1010/ ETR1100/MIS3010/ETR3633

[5] BUS 2080 / OIE 2081

[6] IMGD 2000, IMGD 2001, GOV / ID 2314, GOV / ID 2315 may be taken in place of CS 3043 but will not count as one of the 15 CS courses.

[7] Any CS 500+ graduate course may be taken for 1.5/3 units and can

Course	Term	Grade	Units	
<b>HU&amp;A Requirement</b>			6/3	(Maximum 1/3 AP credit)
29			1/3	Any HU&A
30			1/3	Breadth (group not incl. focus)
31			1/3	Focus
32			1/3	Focus
33			1/3	Focus 2000+
34			1/3	Focus (Inquiry/Practicum)

Focus areas: AR, MU, EN/WR, EN/TH, HI/HU, PY/RE

Breadth groups: AR, EN/WR, EN/TH, MU, SP/GN/AB/CN, HI/HU, PY/RE

Alternative HUA Requirement: 6 courses in a single foreign language.

<b>Social Sciences</b>			2/3	Any 2/3 from:
35			1/3	ECON, GOV, PSY, ENV, SD, SOC, SS, STS or ID
36			1/3	

<b>Mathematics [2,3]</b>			7/3	
37			1/3	Any MA
38			1/3	Any MA
39			1/3	Any MA
40			1/3	MA 2071 or 2072
41			1/3	MA 2611
42			1/3	MA 2612
43			1/3	MA 2621 or 2631 (Prob)

<b>Nat/Eng Sciences</b>			2/3	Any 2/3 from:
44			1/3	BB, BME, CE, CH, CHE, ECE, ES, GE, ME, PH or RBE
45			1/3	

<b>CS Nat/Eng Sciences</b>			3/3	
46			1/3	Any 2/3 of same prefix: BB, CH, GE or PH Any BB, CH, GE or PH
47			1/3	
48			1/3	

<b>IQP</b>			3/3	
49			1/3	
50			1/3	
51			1/3	

<b>PE</b>			1/3	
52			1/12	
			1/12	
			1/12	
			1/12	

<b>DS + CS MQP</b>			4/3	
56				

or

<b>DS MQP</b>			3/3	
55				

<b>CS MQP</b>			3/3	
58				

<b>Additional Courses</b>				

V3.2 TG

11/29/23