

BROWN | RISD DUAL DEGREE ADVISING TEMPLATE

RISD Major: Industrial Design	Brown Concentration: Computer Science (ScB) – AI & Visual Computing
RISD Advisor: Industrial Design Department Head	Brown Advisor: Computer Science Advisor

Credit Types	RISD	FOUND	MAJOR	HAVC (4) History of Art and Visual Culture	LAEL (10) Liberal Arts Elective
	Brown	CONCENTRATION	(CONC)	Writing Requirement (WRIT)	

Pre-matriculation (AP, IB, Transfer)

Course	Credit	Course	Credit
AP Calculus AB	LAEL 1/10 MATH 90	AP Calculus BC (CS calculus prereq)	LAEL 2/10 MATH 100
AP Microeconomics	LAEL 3/10		

Year 1

				Wintersession			Spring			
B/R	Course	Time	Credit	Course	Time	Credit	B/R	Course	Time	Credit
R	Drawing		FOUND	Intro to Jewelry			R	Drawing		FOUND
R	Design		FOUND	Baroque Rome		HAVC 2/4	R	Design		FOUND
R	Spatial Dynamics		FOUND				R	Spatial Dynamics		FOUND
R	History of Art 1	HAVC-H101	HAVC 1/4				B2	Differential Equations	APMA 350	LAEL 5/10
B1	Troy Rocks!	FYS -ARCH	LAEL 4/10				B3	Cicero and Sallust	LATN 1110R	LAEL 6/10

Notes: Declare RISD Major in Feb/March

Summer:

Study Abroad with RISD (ID 1512) Rome: Sensing the City (3cr- substitution for Special Topics Studio)

Year 2

Fall				Wintersession			Spring			
B/R	Course	Time	Credit	Course	Time	Credit	B/R	Course	Time	Credit
R	Wood I		MAJOR	Wood II		MAJOR	R	Solidworks		MAJOR
R	Metal I		MAJOR	Art & Social Welfare		HAVC 3/4	R	Professional Internship	(3cr RISD Adv studio)	MAJOR
B4	Intermediate Calculus	MATH 180 Intermediate 1/5	Conc 1/15				R	History of ID		HAVC 4/4
B5	Intro to Programming/ CS	CSCI 0150 Intro seq 1/2	Conc 2/15 LAEL 7/10				B7	Intro Algorithms/ Data Structures	CSCI 0160 Intro seq 2/2	Conc 4/15 LAEL 9/10
B6	Linear Algebra (mathematics)	Math 520 Intermediate 2/5	Conc 3/15; LAEL 8/10				B8	Discrete Structures & Prob (foundations)	CS220 Intermediate 3/5	Conc 5/15 LAEL 10/10
Notes: Must re-declare RISD Major Feb/March; Must take at least 5 Brown courses Yr 2 Fall/Spring Summer: UTRA (professional track req ½)										

Year 3

Fall				Wintersession			Spring			
B/R	Course	Time	Credit	Course	Time	Credit	B/R	Course	Time	Credit
R	ID Design Principles I	6cr	MAJOR	Studio Elective			R	ID Design Principles II	6cr	MAJOR
B9	Independent Study	CSCI 1970 1000-level CS nonpathway 1/4	Conc 6/15				B12	Independent Study	CSCI 1970 1000-level CS nonpathway 2/4	Conc 9/15
B10	Computer Systems (systems)	CSCI 330 Intermediate 4/5	Conc 7/15				B13	Computer Vision	CSCI 1430 3cr R Adv studio	Conc 10/15 MAJOR
B11	Statistical Inference I	APMA 1655 Intermediate 5/5	Conc 8/15							
Notes: Computer Science Tracks: AI & Visual Computing Summer: Computer Science internship - (professional track req 2/2)										

Year 4

Fall				Wintersession			Spring 2020			
B/R	Course	Time	Credit	Course	Time	Credit	B/R	Course	Time	Credit
R	Manufacturing Techniques	3cr	MAJOR	CAD		MAJOR	R	Adv. Design Studio	6cr	MAJOR
R	Special Topics Studio	3cr	MAJOR	(best lottery choice)			B	Additional CSCI not a core or related to pathway	1000 Level nonpathway 3/4	Conc 13/15
B14	Computer Graphics	CSCI 1230 Visual Comp pathway 2/2	Conc 11/15				B	Course to satisfy WRIT req		WRIT
B15	Deep Learning	CSCI 1470 AI – pathway 1/2	Conc 12/15							
Notes:										
Summer:										

Year 5

Fall				Wintersession			Spring			
B/R	Course	Time	Credit	Course	Time	Credit	B/R	Course	Time	Credit
B	CSCI	AI – pathway 2/2	Conc 14/15				R	Advanced Studio	6 cr <i>(either fall or spring)</i>	MAJOR
B	UI/UX	CSCI 1300 nonpathway 4/4	Conc	(last lottery choice after soph)			B	CSCI Capstone		Conc 15/15
B/R	elective									
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Notes: Must successfully complete 15 courses at Brown (unless concentration requires more) by end of year and complete 10 semesters (i.e. 40 enrollment units)

Capstone: