## Data Science Major

## All major courses must be taken for letter grades.

### A 2.0 or higher GPA must be earned in both the overall major <u>and</u> in the upper division courses of the major.

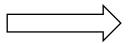
## Lower Division

<b>(A</b> ) Complete <u>one</u> of the	ICS 31-32-33	1)
following series		2)
Must earn grades of C or better to progress to the next course ICS 32A only offered in Fall quarter		3)
	ICS 32A-33	1)
		2)
(B) Complete all the following computing topics courses	ICS 45C	1)
	ICS 46	1)
	ICS 51	1)
	IN4MATX 43	1)
(C) Complete all the following mathematics courses	MATH 2A	1)
	MATH 2B	1)
	MATH 2D	1)
	MATH 3A or ICS 6N (Choose One)	1)
	ICS 6B	1)
	ICS 6D	1)
	STATS 5 (Winter Only)	1)
	STATS 7	1)
	STATS 68 (Spring Only)	1)

# Upper Division

(A) Core Data Science	STATS 110 (Fall only)	1)
Requirements:	STATS 111 (Winter Only)	1)
Complete all the following Make sure you understand which courses are only offered once a year	STATS 112 (Spring Only)	1)
	STATS 115 (Winter Only)	1)
	STATS 120A (Fall Only)	1)
	STATS 120B (Winter Only)	1)
	STATS 120C (Spring Only)	1)
	ICS 139W	1)
	(if passed with grade of C or better will also apply in GEs)	
	COMPSCI 122A	1)
	COMPSCI 161	1)
	COMPSCI 178	1)
	IN4MATX 143	1)

Continue to the back of the page for the rest of your upper division requirements



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# **Upper Division Continued**

(B) Electives:	1)
Complete <u>3 courses</u> from the following options:	
MATH 130B, 130C, STATS 140	
ICS 53 (the only lower division course)	2)
COMPCI 111, 115, 121, 122B,122C, 125, 131, 134,	
163, 165, 169, 171, 172B	
	3)
IN4MATX 131, 141, 161	
(C) Complete the Capstone team-based project	1)
courses:	
	2)
STATS 170A (Winter) and STATS 170B (Spring)	

#### **Applying for Graduation**

Graduation is <u>not automatic</u> once you complete all your requirements (UC requirements, General Education requirements, Major requirements, Minor requirements if you are pursuing a minor). **You must apply one quarter before your intended graduation date.** The deadline is Friday of Week 8 of the quarter prior to your graduation quarter.

For example: If you plan to graduate in Spring quarter of your senior year, your graduation application must be submitted in Winter quarter.

To submit your application, log in to StudentAccess  $\rightarrow$  Applications  $\rightarrow$  Graduation.

For more information, visit our website: <u>https://www.ics.uci.edu/ugrad/QA\_Graduation</u>