# Computer Game Science Major

2023-2024

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

A 2.0 or higher GPA must be earned in both the overall major and in the upper division courses of the major.

# **Lower Division**

(A) Complete one of the following		1)
series:	ICS 31-32-33	2)
		3)
Must earn grades of C or better to		1)
progress to the next course.	ICS 32A-ICS 33	
ICS 32A only offered in Fall quarter.		2)
(B) Complete all of the following	ICS 45C	1)
courses:	ICS 46	1)
	ICS 51	1)
* GDIM 61 will be accepted in place	ICS 60 (offered Fall and Spring only)	1)
of ICS 62 for this year only.	ICS 61 (Winter only)	1)
	ICS 62/GDIM 61*	1)
	INF 43	1)
	MATH 2A-2B	1)
	IVIATH ZA-ZB	2)
	ICS 6N or Math 3A (Choose One)	1)
	ICS 6B	1)
	ICS 6D	1)
	STATS 67	1)
	PHYSICS 3A	1)
	FLM&MDA 85A or 85C (Choose One; 85A offered Fall and Winter, 85C offered Spring only)	1)

# **Upper Division**

(A) Computer Science	(A-1) Complete all the	CS 171	1)
Core Requirements	following courses	ICS 161	1)
		(offered Spring only)	1)
	** ICS 168 has been	ICS 162	1)
	replaced by GDIM	(offered Winter only)	1)
	161	ICS 167	1)
		(offered Winter only)	1)
		ICS 168/GDIM 161**	1)
		(offered Spring only)	1)
		ICS 169A & 169B	1)
		(A is offered in Fall only, B	1)
		is offered Winter only)	2)
			2)
	(A-2) Complete two from The following courses:	1)	
		2)	
CS 112, ICS 163, ICS 166		-/	

Name: Student ID:

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### **Upper Division Continued**

(B) Complete two from the following courses: CS 122A, 132, 143A, 152 INF 113, `121, 131		1) 2)	
(C) Elective courses  (C-1) The two additional upper division courses can be any courses from sections A-C that are not already counting towards your degree. Section C includes any Bren track courses or approved Non-Track courses listed in the	(C-1) Two additional upper division courses from section A-C	1) 2)	
	rses can be from Track  Cthat are counting ar degree. cludes any ourses or on-Track  (C-2) Complete one Bren  Track  Refer to the sheet  "Computer Game Science-Tracks" to see the required courses for each Bren Track option	Algorithms  Computational	Computer Graphics & Vision Databases
		Biology Computer Networks	Human-Computer Interaction Programming Language
Catalogue:		Hardware	& Compilers
ICS 163, 166 MGMT 101, 102, 105, 154, 155		Operating Systems	Social & Organizational Computing
PSYCH 130A, 131A, 131B, 135M, 140C MATH		Software Engineering	
122A-112B-112C, 115, 121A-121B FLM&MDA 113, 114, 117A, 144		Artificial Intelligence	

#### **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 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 of your senior year.

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

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