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

$\left.\begin{array}{l|c|l|}\hline \text { (A) Complete one of the following } \\ \text { series: }\end{array}\right)$

## Upper Division

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 ** ICS 168 has been replaced by GDIM 161 | CS 171 | 1) |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

## 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.

## Upper Division Continued

| (B) Complete two from the following courses: CS 122A, 132, 143A, 152 <br> INF 113, ‘121, 131 |  | 1) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2) |  |  |
| (C) Elective courses <br> (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 Catalogue: <br> ICS 163, 166 <br> MGMT 101, 102, 105, <br> 154, 155 <br> PSYCH 130A, 131A, <br> 131B, 135M, 140C <br> MATH <br> 122A-112B-112C, 115, <br> 121A-121B <br> FLM\&MDA 113, 114, 117A, 144 | (C-1) Two additional upper division courses from section A-C | 2) |  |  |
|  | (C-2) Complete one Bren Track <br> Refer to the sheet "Computer Game Science-Tracks" to see the required courses for each Bren Track option |  | Algorithms <br> Computational Biology <br> Computer Networks <br> Hardware <br> Operating Systems <br> Software Engineering <br> Artificial Intelligence | Computer Graphics \& Vision <br> Databases <br> Human-Computer Interaction <br> Programming Language \& Compilers <br> Social \& Organizational Computing |

## Applying for Graduation

Graduation is not automatic 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

