

Name:

Student ID:

Computer Game Science- Bren Tracks

2021-2022

The Bren Track is part of your major requirements. All major requirements must be taken for **letter grades**. Only the completion of **one Bren Track** is needed to meet graduation requirements.

A **GPA of 2.0 or higher** is needed in the upper division courses of your major.

If the courses you are taking do not updated themselves correctly on DegreeWorks, please send an email to ucounsel@uci.edu titled "Update DegreeWorks-Bren Track." Please specify which Bren Track you are pursuing and which course(s) are not displaying correctly.

| Algorithms | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| CS 161, 162, 163, 164, 165 | 2) |
| | 3) |

| Human-Computer Interaction | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| INF 131, 132, 133, 134 | 2) |
| | 3) |

| Artificial Intelligence | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| CS 171, 175, 177, 178, 179 | 2) |
| | 3) |

| Operating Systems | |
|---|----|
| Complete <u>all</u> of the courses from the following list: | 1) |
| CS 143A, 143B, 146 | 2) |
| | 3) |

| Computational Biology | |
|---|----|
| Complete <u>all</u> of the courses from the following list: | 1) |
| CS 183, 184A, 184C | 2) |
| | 3) |

| Programming Language & Compilers | |
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| Complete <u>three</u> courses from the following list: | 1) |
| INF 101, 102 | 2) |
| CS 142A, 142B | 3) |

| Computer Graphics & Vision | |
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| Complete <u>three</u> courses from the following list: | 1) |
| CS 111, 112, 114, 116, 117 | 2) |
| | 3) |

| Simulation & Optimization | |
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| Complete <u>three</u> courses from the following list: | 1) |
| CS 115, 169, and one more upper division elective | 2) |
| | 3) |

| Computer Networks | |
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| Complete <u>three</u> courses from the following list: | 1) |
| CS 131, 132, 133, 134, CS 137 or INF 124 (only take one) | 2) |
| | 3) |

| Social & Organizational Computing | |
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| Complete <u>three</u> courses from the following list: | 1) |
| INF 151, 153, 161, 162W, 163, 171 | 2) |
| | 3) |

| Databases | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| CS 121 or INF 141 (only take one), CS 122A, 122B, 125 | 2) |
| | 3) |

| Software Engineering | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| INF 113, 115, 117, 121, 122, 124 | 2) |
| | 3) |

| Hardware | |
|--|----|
| Complete <u>three</u> courses from the following list: | 1) |
| CS 121 or INF 141 (only take one), CS 122A, 122B, 125 | 2) |
| | 3) |