

Name: _____

COMPUTER SCIENCE (Digital Art Track), B.S.

40 courses of three or more credits and 3 one-credit PE courses

GENERAL EDUCATION CORE

BASIC REQUIREMENTS (2 courses and 3 one-credit PE courses)

- Composition and Rhetoric
 EN 103 Composition and Rhetoric I
 EN 104 Composition and Rhetoric II
- Physical Education Courses
 PE 100
 PE _____
 PE _____

MODES OF THINKING (5 courses)

- Literature (Select one)
 EN 110, EN 112, EN 115
- Mathematics (Select one)
 MA 109, 110, 111, 112, 121
- Natural Science (Select one)
 BI 209, BI 210, BI 211, BI 242, CH 209, PH 209
- Philosophy
 PL 109
- Social Sciences (Select one)
 CJ 109, EC 209, EC 112, PO 103, PO 109, PS 109, or SO 109

CULTURAL LITERACY (6 courses)

- Humanities I and II. *Preferably* select a set (e.g., HI 201/202). However, a combination (e.g., PO 201 + HI 214) is acceptable.
 Hum. I: HI 201, PO 201, HI 213
 Hum. II: HI 202, PO 202, HI 214, HI 262
- Humanities III: Great Works of Art & Music (See Master Schedule of Day Classes)

- Humanities IV: Great Works of Literature (See Master Schedule of Day Classes)

- Foreign Language/World Cultures (Select either two of the same language, any two WC, or one WC and one approved course with international study)

CHRISTIAN VALUES AND THEOLOGY

(3 courses)

- Catholic Theology
 TH 109
- Intermediate Theology (200/300 level TH)
 TH _____
- Values Seminar (See Master Schedule of Day Classes)

MAJOR

(16 courses)

- CS 115: Intro to Python
 CS 119: Digital Art Story Development
 CS 265: Web Page Design
 CS 270: Multimedia
 CS 340: Digital Art I
 CS 342: Digital Art II
 CS 390: 3D Modeling for Production
 CS 392: 3D Animation Production I
 CS 425: 3D Animation Production II
 CS 453: Senior Coordinating Seminar
 TV 225: Basic Studio Productions
 CS 211: Object-Oriented Programming
OR TV 370: Lighting, Sound, and Editing
 CS 399: Computer Science Internship
OR CS Elective *
 FA 106: Introduction to Drawing and Painting
OR FA 251: Introduction to Photography
OR FA 101: Introduction to Drawing
 CS Elective* **OR** TV 450: Cinematography
 FA Elective** **OR** TV 373: Editing

*Any CS course except CS 105 and CS 475

**Must be Art History course

MINOR

(6 courses)

- | | |
|--------------------------------|--------------------------------|
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ELECTIVES

(As needed to complete 40-course req.)

- | | |
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A. Koefer, Director of the Academic Resource Center
Effective fall 2020

For the most up-to-date record of progress toward completion of degree requirements, students should use the Academic Evaluation tool, which is listed under the Academic Planning heading in WebAdvisor.

DE SALES UNIVERSITY
Typical Program: COMPUTER SCIENCE MAJOR – Digital Art Track (B. S.)

FALL SEMESTER

SPRING SEMESTER

FIRST YEAR

Digital Art Story Development (CS 119)
Intro to Python (CS 115)
Composition and Rhetoric I (EN 103)
Philosophy MOT (PL 109)
Foreign Language/World Cultures
Lifetime Fitness and Wellness (PE 100)

Multimedia (CS 270)
Digital Art I (CS 340)
Composition and Rhetoric II (EN 104)
Social Science (MOT)
Foreign Language/World Cultures
Physical Education (Activity)

SECOND YEAR

Digital Art II (CS 342)
3D Modelling for Production (CS 390)
Basic Studio Production (TV 225)

Humanities 1
Catholic Theology (TH 109)
Physical Education (Activity)

Web Page Design (CS 265)
3D Animation Production I (CS 392)
Object Oriented Programming (CS 211)
 OR Lighting, Sound and Editing (TV 370)
Humanities 2
Mathematics (MOT)

THIRD YEAR

3D Animation Production II (CS 425)
Introduction to Drawing and Painting (FA 106)
 OR Introduction to Photography (FA 251)
 OR Introduction to Drawing (FA 101)
Humanities 3
Literature (MOT)
Free Elective

CS Elective* OR Cinematography (TV 450)
Editing (TV 373) OR FA Elective**

Humanities 4
Intermediate Theology
Free Elective

FOURTH YEAR

Computer Science Internship (CS 399)
 OR CS Elective*
Values Seminar (CS 475 *recommended*)
Natural Science (MOT)
Free Elective
Free Elective

Senior Coordinating Seminar (CS 453)

Free Elective
Free Elective
Free Elective
Free Elective

* **Computer Science Elective** – Any CS course except CS 105 and CS 475.

** **Fine Arts Elective** – any Art History Course