

Name: _____

BASED ON CREDITS

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

121 credits and Three 1-credit PE courses

GENERAL EDUCATION CORE

BASIC REQUIREMENTS

(6 credits and three 1-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 (15 credits)

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, CM 130, EC 209, EC 112, HCM 230, PO 103, PO 109, PS 109, SO 109

CULTURAL LITERACY (18 credits)

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

- _____

Humanities IV: Great Works of Literature

- _____

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

(9 credits)

Catholic Theology

- TH 109

Intermediate Theology (200/300 level TH)

- TH _____

Values Seminar (CS 475 recommended)

- _____

MAJOR (49 credits)

- CS 115: Intro to Python – 4 credits
- 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

Choose any computer science elective course except CS 105 and CS 475 **OR** TV 450: Cinematography

Choose a fine arts elective ** among the art history courses **OR** TV 373: Editing

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

** **Fine Arts Elective** – Must be an Art History Course

FREE ELECTIVES (24 credits)

- | | |
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OPTIONAL MINOR

- | | |
|--------------------------------|--------------------------------|
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| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

DE SALES UNIVERSITY
Example Plan: COMPUTER SCIENCE (Digital Art Track), B. S.

FIRST YEAR

FALL SEMESTER (16 credits and 1-credit PE)

Digital Art Story Development (CS 119)
Intro to Python (CS 115) – 4 credits
Composition and Rhetoric I (EN 103)
Philosophy MOT (PL 109)
Foreign Language/World Cultures
Lifetime Fitness and Wellness (PE 100)

SPRING SEMESTER (15 credits and 1-credit PE)

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

FALL SEMESTER (15 credits and 1-credit PE)

Digital Art II (CS 342)
3D Modelling for Production (CS 390)
Basic Studio Production (TV 225)
Catholic Theology (TH 109)
Humanities I
Physical Education (Activity)

SPRING SEMESTER (15 credits)

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

THIRD YEAR

FALL SEMESTER (15 credits)

3D Animation Production II (CS 425)
FA Elective (FA 101, 106 **OR** 251)
Humanities III
Literature MOT
Free Elective

SPRING SEMESTER (15 credits)

CS Elective* **OR** Cinematography (TV 450)
Editing (TV 373) **OR** FA Elective**
Humanities IV
Intermediate Theology
Free Elective

FOURTH YEAR

FALL SEMESTER (15 credits)

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

SPRING SEMESTER (15 credits)

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** – Must be an Art History Course

A. Koefer, Director of the Academic Success Center
Effective fall, 2022