

# Degree Worksheet for the College of Arts and Sciences: 2019-2020

## B.A. COMPUTER SCIENCE & COMPUTATIONAL THINKING

### Art Concentration

#### COLLEGE of ARTS & SCIENCES

#### Language Requirement

All students who major in the College of Arts & Sciences are required to demonstrate competence in a second language. For complete details: <https://www.gonzaga.edu/college-of-arts-sciences/about/information-for-students/language-requirement-information>

Credits Sem/Yr

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### UNIVERSITY CORE REQUIREMENTS:

#### ► FUNDAMENTAL CORE COURSES

##### Year 1: Understanding & Creating

Writing	Credits Sem/Yr	
ENGL 101 Writing (fulfills 3 credits Writing Enriched)*	3	<input type="text"/>
Reasoning		
PHIL 101 Reasoning	3	<input type="text"/>
First Year Seminar		
Dept. 193	3	<input type="text"/>
Communication & Speech		
COMM 100 Communication & Speech	3	<input type="text"/>
Math		
MATH (must be above Math 100)	3	<input type="text"/>
Scientific Inquiry (2cr + 1cr lab)		
BIOL or CHEM or PHYS 104/104L (taken year 1 or 2)	3	<input type="text"/>

##### Year 2: Being & Becoming

Christianity & Catholic Traditions	Credits Sem/Yr	
RELI (see approved list)**	3	<input type="text"/>
Philosophy of Human Nature		
PHIL 201 Philosophy of Human Nature	3	<input type="text"/>

##### Year 3: Caring & Doing

World/Comparative Religion	Credits Sem/Yr	
RELI (see approved list)** (fulfills 3cr Global Studies)*	3	<input type="text"/>
Ethics		
PHIL 301 Ethics or RELI 330 Principles-Christian Morality	3	<input type="text"/>

##### Year 4: Imagining the Possible

Core Integration Seminar	Credits Sem/Yr	
Dept. 432	3	<input type="text"/>

**NOTE: some courses have pre-requisites, check the catalog carefully!**

#### ► BROADENING COURSES - see approved list\*\*

Social & Behavioral Science	Credits Sem/Yr	
	3	<input type="text"/>
Literature		
	3	<input type="text"/>
History		
	3	<input type="text"/>
Fine Arts & Design		
	3	<input type="text"/>

#### ► REQUIRED COURSE DESIGNATIONS - see approved list\*\*

*Writing Enriched	Credits Sem/Yr	
	9 total	<input type="text"/>
Social Justice		
	3 total	<input type="text"/>
*Global Studies		
	6 total	<input type="text"/>

\*\*for list of approved RELI, Broadening & Designated courses, see : <https://my.gonzaga.edu/academics/undergraduate-programs/general-degree-requirements-procedures/university-core>

### B.A. Computer Science & Computational Thinking - Art Concentration

55-59 Credits

#### LOWER DIVISION

18-19 Credits

	Course	Course Title	Credits	Grade
	CPSC 121	Computer Science I	3	<input type="text"/>
	CPSC 122	Computer Science II	3	<input type="text"/>
	CPSC 223	Algorithm/Abstract Data Structures	3	<input type="text"/>
	CPSC 224	Software Development	3	<input type="text"/>
	MATH 231	Discrete Structures	3	<input type="text"/>

#### One of the following two courses:

	Course	Course Title	Credits	Grade
	MATH 148	Survey of Calculus	3	<input type="text"/>
	MATH 157	Calculus-Analytic Geometry I	4	<input type="text"/>

#### UPPER DIVISION

25 Credits

	Course	Course Title	Credits	Grade
	CPSC 491	Software Engineering	2	<input type="text"/>
	CPSC 491L & 492L	Sr. Design Project Lab I & II	4	<input type="text"/>
	CPSC 499	Computers & Society	1	<input type="text"/>

#### Computer Science Electives:

18 Credits

	Course	any CPSC 200, 300, or 400-level course	Credits	Grade

**NOTE!** 9 of the 18 elective credits to be determined by the DCT Committee to best coincide with the chosen concentration. A maximum of three **electives** (9 credits) may be 200-level courses. A maximum of five 200-level Computer Science courses may be used in the **entire major**. Many upper division CPSC courses require CPSC 260 as a **pre-requisite**, see the undergraduate catalog for details.

#### ART CONCENTRATION (DCT)

12-13 Credits

	Course	Course Title	Credits	Grade
	VART 101	Drawing I	3	<input type="text"/>

#### One of the following two courses\*:

	VART 112	Design	3	<input type="text"/>
	VART 230	3-D Design	3	<input type="text"/>

#### One of the following five courses\*:

	VART 141	Ceramics I	3	<input type="text"/>
	VART 201	Drawing II	3	<input type="text"/>
	VART 221	Painting I	3	<input type="text"/>
	VART 350	Beginning Printmaking	3	<input type="text"/>
	VART 351	Beginning Screenprinting	3	<input type="text"/>

\*NOTE : Some of these courses may have a pre-requisite. Check the undergraduate catalog for pre-requisites and details.

#### One of the following Upper Division Art History courses:

	VART 393	Modern Italian Art (taught in Florence)	3-4	<input type="text"/>
	VART 394	Special Topics in Art History	3	<input type="text"/>
	VART 395	Art in the 19th Century	3	<input type="text"/>
	VART 396	Art in the 20th Century	3	<input type="text"/>
	VART 397	Renaissance Art	3	<input type="text"/>
	VART 398	Roman Art & Architecture	3	<input type="text"/>
	VART 401	Renaissance Architecture	3	<input type="text"/>
	VART 402	The Image of God	3	<input type="text"/>
	VART 403/HIST 302	The Ancient City	3	<input type="text"/>
	VART 404/HIST 307	Archaeology-Ancient Greece	3	<input type="text"/>
	VART 405/HIST 308	Archaeology-Ancient Rome	3	<input type="text"/>
	VART 406/HIST 366	American Culture & Ideas	3	<input type="text"/>
	VART 407/WGST 350	Women Artists	3	<input type="text"/>
	VART 408	History of Photography	3	<input type="text"/>