Degree Worksheet for the College of Arts and Sciences: 2019-2020
B.A. COMPUTER SCIENCE & COMPUTATIONAL THINKING
Philosophy 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

UNIVERSITY CORE REQUIREMENTS:
▶ **FUNDAMENTAL CORE COURSES**

Year 1: Understanding & Creating

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

Year 2: Being & Becoming

	Credits	Sem/Yr
Christianity & Catholic Traditions		
RELI *(see approved list)***	**3**	
Philosophy of Human Nature		
PHIL 201 Philosophy of Human Nature	**3**	

Year 3: Caring & Doing

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

Year 4: Imagining the Possible

	Credits	Sem/Yr
Core Integration Seminar		
Dept. 432	**3**	

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

▶ **BROADENING COURSES -** *see approved list***

	Credits	Sem/Yr
Social & Behavioral Science		
	3	
Literature		
	3	
History		
	3	
Fine Arts & Design		
	3	

▶ **REQUIRED COURSE DESIGNATIONS -** *see approved list***

	Credits	Sem/Yr
*Writing Enriched	**9 total**	
Social Justice	**3 total**	
*Global Studies	**6 total**	

**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 - Philosophy Conc.   55-59 Credits

LOWER DIVISION		18-19 Credits	
Course	Course Title	Credit	Grade
CPSC 121 Computer Science I		3	
CPSC 122 Computer Science II		3	
CPSC 223 Algorithm/Abstract Data Structures		3	
CPSC 224 Software Development		3	
MATH 231 Discrete Structures		3	

One of the following two courses:

Course	Course Title	Credit	Grade
MATH 148 Survey of Calculus		3	
MATH 157 Calculus-Analytic Geometry I		4	

UPPER DIVISION		25 Credits	
CPSC 491 Software Engineering		2	
CPSC 491L & 492L Sr. Design Project Lab I & II		4	
CPSC 499 Computers & Society		1	

Computer Science Electives:		18 Credits	
Course	*any CPSC 200, 300, or 400-level course*	Credit	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.*

DISCIPLINE for COMPUTATIONAL THINKING (DCT)
PHILOSOPHY CONCENTRATION   12 Credits

Four 400-level Philosophy courses selected by the DCT Committee

Course	Course Title	Credit	Grade
PHIL		3	
PHIL		3	
PHIL		3	
PHIL		3	