

2021-2022

Academic Worksheet

APPLIED COMPUTER SCIENCE

GENERAL
EDUCATION

Core Competencies

Breadth

Principles

Name _____

ID# _____ Matriculated _____

Minimum Unit Requirement 120

Major	65
General Education	49
Unrestricted Electives	6

Pre-College Requirement:

MATH 049 Elementary Algebra 3 _____

Preparatory Requirements:

WRIT 114 Academic Writing Workshop 0 _____
MATH 149 Intermediate Algebra 3 _____

Applied Focus Concentrations:

Select one concentration. Three courses are required in each concentration

Interaction Design

GDES 116 Typography 1
GDES 256 Interaction Design 1
Select one of the following:
GDES 310 Information Design
GDES 356 Interaction Design 2
GDES 260 Typography 2

Game Development

GAME 101 Game Design Fundamentals
GAME 221 Game Prototyping
Select one of the following:
GAME 240 Networked Game Development
GAME 321 User Interface Design
GAME 304 Sound Synthesis and Design

Immersive and Experiential Design

ARIA 114 Design Communication 1
INAR 105 Design Studio 1
Select one of the following:
GDES 116 Typography 1
GDES 256 Interaction Design
ARIA 211 Design Communication 3

Entertainment Technology

FILM 110 Film Production 1
ANIM 420 Effects Animation
Select one of the following:
FILM 115 Cinematography
ANIM 262 Introduction to 3D Computer Animation
Any course addressing storytelling or narrative studies

1st YEAR

			WU	TRANSFER
Fall				
CSMA 100	ACS Lecture Series 1	1	_____	_____
CSMA 101	Introduction to Programming	3	_____	_____
CSMA 102	Technology Art and Culture 2	3	_____	_____
FOUN 102	Design and Composition	3	_____	_____
WRIT 113	First-Year Academic Writing	3	_____	_____
MATH 249	College Algebra	3	_____	_____
Spring				
CSMA 111	Introduction to 3D Worlds	3	_____	_____
CSMA 112	Interactive Prototyping	3	_____	_____
CSMA 113	Mixed Reality	3	_____	_____
COMM 120	Public Speaking	3	_____	_____
LSCI 105	Information Literacy	1	_____	_____
	Unrestricted Elective	3	_____	_____

2nd YEAR

			WU	TRANSFER
Fall				
CSMA 202	Intermediate Programming	3	_____	_____
CSMA 203	Digital Media	3	_____	_____
GDES 107	Digital Practice	3	_____	_____
MATH 251	Trigonometry	3	_____	_____
ARTH 204	History of Modern Art	3	_____	_____
Spring				
CSMA 212	Media Environments	3	_____	_____
CSMA 213	Artificial Intelligence	3	_____	_____
CSMA 214	Applied Mathematics	3	_____	_____
INDS 1	Interdisciplinary Core Course	3	_____	_____
WRIT 313	Advanced Academic Writing	3	_____	_____
CSMA 215	Progress Portfolio	0	_____	_____

3rd YEAR

			WU	TRANSFER
Fall				
CSMA 302	Advanced Programming	3	_____	_____
GDES 396	User Experience Design	3	_____	_____
	Applied Focus Course 1	3	_____	_____
ENVT 220	Environmental Studies	3	_____	_____
COMM 235	Media Ethics	3	_____	_____
Spring				
CSMA 311	Design/Tech Exploration	3	_____	_____
CSMA 312	Mixed Reality 2	3	_____	_____
	Applied Focus Course 2	3	_____	_____
INDS 3	Interdisciplinary Course	3	_____	_____
	Natural Science Course w Lab	3	_____	_____
	Work Experience	0	_____	_____

4th YEAR

			WU	TRANSFER
Fall				
CSMA 400	Research Seminar	3	_____	_____
CSMA 401	Thesis 1	3	_____	_____
	Applied Focus Course 3	3	_____	_____
	General Education Elective	3	_____	_____
	Social Science Course	3	_____	_____
Spring				
CSMA 402	Thesis 2	4	_____	_____
CSMA 422	Professional Practices	3	_____	_____
	General Education Elective	3	_____	_____
	Unrestricted Elective	3	_____	_____