

WOODBURY UNIVERSITY

2021-2022 Academic Worksheet

COMPUTER SCIENCE DATA ANALYTICS

GENERAL
EDUCATION

Core Competencies

Breadth

Principles

1st YEAR

Fall

			WU	TRANSFER
CORE 101	Computer Science I	3	_____	_____
LSCI 105	Information Theory & Practice	1	_____	_____
MATH 226	Business Statistics	3	_____	_____
MATH 260	Analytical Geometry I	5	_____	_____
WRIT 113	First-Year Academic Writing	3	_____	_____

Spring

COMM 120	Public Speaking	3	_____	_____
CORE 102	Computer Science II	3	_____	_____
ENVT 220	Environmental Studies	3	_____	_____
INDS 1	Interdisciplinary Core Course	3	_____	_____
MATH 261	Analytical Geometry II	5	_____	_____

2nd YEAR

Fall

			WU	TRANSFER
CORE 201	Data Structures and Algorithms	3	_____	_____
INDS 1	Interdisciplinary Core Course	3	_____	_____
MATH 262	Linear Algebra	3	_____	_____
ARTH 2	Art History Course	3	_____	_____
	Social Science (ECON 203/204)	3	_____	_____

Spring

CSDA 209	Big Data Learning Analytics	3	_____	_____
CSDA 210	Database Design & Programming	3	_____	_____
MATH 252	Discrete Mathematics	3	_____	_____
PHYS 243	Physics for Architects	3	_____	_____
WRIT 313	Advanced Academic Writing	3	_____	_____

3rd YEAR

Fall

			WU	TRANSFER
ARTH 3	Art History Course	3	_____	_____
CSDA 205	Windows-Based App Development	3	_____	_____
CSDA 320	Adv Data Structures Algorithm Analysis	3	_____	_____
PHIL 210	Ethical Systems	3	_____	_____
MATH 310	Probability and Statistics I	3	_____	_____

Spring

CORE 301	Artificial Intelligence	3	_____	_____
INDS 3	Transdisciplinary Seminar	3	_____	_____
MATH 311	Probability and Statistics II	3	_____	_____
3	General Education Principles Elective	3	_____	_____
	Unrestricted Elective	3	_____	_____

4th YEAR

Fall

			WU	TRANSFER
CSDA 400	Advanced Database Development	3	_____	_____
CSDA 410	Data Mining	3	_____	_____
MATH 312	Applied Statistical Analysis	3	_____	_____
3	General Education Elective	3	_____	_____
3	Social Science Course (ANTH/INDS/POHI/URBS)	3	_____	_____

Spring

CSDA 415	Machine Learning	3	_____	_____
CSDA 480	Senior Project	3	_____	_____
CSDA 490	Internship	5	_____	_____
	Unrestricted Elective	3	_____	_____
	Unrestricted Elective	3	_____	_____

Name _____

ID# _____ Matriculated _____

Minimum Unit Requirement	124
Major	66
General Education	49
Unrestricted Electives	9

Preparatory Requirements

WRIT 114 Academic Writing Workshop	0	_____
MATH 100 Pre-Statistics	3	_____
MATH 149 Intermediate Algebra	3	_____
MATH 249 College Algebra	3	_____
MATH 251 Trigonometry	3	_____

Minor Requirements

Minor Program _____

Course _____ Semester _____

Course _____ Semester _____

Course _____ Semester _____

Course _____ Semester _____

Course _____ Semester _____

Course _____ Semester _____