

# WOODBURY UNIVERSITY

## 2024-2025 Academic Worksheet

### COMPUTER SCIENCE DATA ANALYTICS

GENERAL  
EDUCATION

Core Competencies

Breadth

Principles

1<sup>st</sup> YEAR

Fall

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

Spring

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

2<sup>nd</sup> YEAR

Fall

Course	Description	Units	WU	TRANSFER
CORE 201	Data Structures and Algorithms	3	_____	_____
INDS 1	Interdisciplinary Core Elective	3	_____	_____
MATH 262	Linear Algebra	3	_____	_____
	Art History Elective	3	_____	_____
	Social Science Elective	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	_____	_____

3<sup>rd</sup> YEAR

Fall

Course	Description	Units	WU	TRANSFER
3	UD Art History Elective	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	Applied Artificial Intelligence	3	_____	_____
3	UD Interdisciplinary Elective	3	_____	_____
MATH 311	Probability and Statistics II	3	_____	_____
3	UD General Education Elective	3	_____	_____
	Unrestricted Elective	3	_____	_____

4<sup>th</sup> YEAR

Fall

Course	Description	Units	WU	TRANSFER
CSDA 400	Advanced Database Development	3	_____	_____
CSDA 415	Machine Learning	3	_____	_____
MATH 312	Applied Statistical Analysis	3	_____	_____
3	UD General Education Elective	3	_____	_____
3	UD Social Science Elective	3	_____	_____

Spring

CSDA 410	Data Mining	3	_____	_____
CSDA 480	Senior Project	3	_____	_____
CSDA 490	Internship	5	_____	_____
	Unrestricted Elective	3	_____	_____
	Unrestricted Elective	3	_____	_____

Name \_\_\_\_\_

ID# \_\_\_\_\_ Matriculated \_\_\_\_\_

Minimum Unit Requirement	Units
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 \_\_\_\_\_

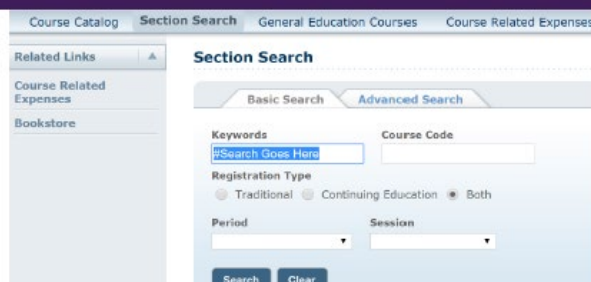
Course \_\_\_\_\_ Semester \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

## Keyword #Search Option



**Keyword #Search Option** is an additional method to search for course sections using the Keywords search bar, use **ONLY** the specific # codes shown below; no other # codes have been created.

#### General Education #Search

#LD GE Elect	= Lower Division General Education Elective
#UD GE Elect	= Upper Division General Education Elective
#Social Science	= Social Science Elective
#Humanities	= Humanities Elective
#Ethics	= Ethics Elective
#Art History	= Art History Elective
#UD Art History	= Upper Division Art History Elective
#Lab Science	= Natural Science with Lab Elective
#UD INDS	= Upper Division Interdisciplinary Elective
#Mathematics	= Mathematics Elective