

BS IN GIS + CS ACADEMIC MAP

Cloud computing, big data, and Internet of Things (IoT) have dramatically impacted use of geospatial data. The GIS+CS degree at UNT addresses these needs by producing graduates who understand the complexities of geospatial data and are able to leverage computing techniques to convert such data into meaningful information. This degree is highly marketable and offers an advantage in an increasingly competitive job market.

The following four-year plan is one example of a variety of ways in which you can complete your chosen degree in four years. **INDIVIDUAL CIRCUMSTANCES VARY (FOR EXAMPLE, CREDIT FOR PRIOR COURSEWORK, SCHEDULING CONSTRAINTS, AND EMPHASIS WITHIN GEOGRAPHY); THEREFORE, IT IS HIGHLY UNLIKELY THAT YOU WILL FOLLOW THIS SAMPLE PLAN. PLEASE SEE A GEOGRAPHY ADVISOR TO CREATE A CUSTOMIZED PLAN.**

Fall	Hrs.	Spring	Hrs.
ENGL 1310 or TECM 1700	3	ENGL 1320 or TECM 2700	3
Life and Physical Sciences (GEOG 1710 recommended)	3	Life & Physical Sciences	3
Creative Arts	3	MATH 1650	5
MATH 1100	3	Component Area Option 1	3
PSCI 2305	3	PSCI 2306	3
Total hours	15	Total hours	17

*All major courses and prerequisites need grades of C or better.

Fall	Hrs.	Spring	Hrs.
CSCE 1030/1035 (See Advisor to discuss options)	4	CSCE 1040/1045 (See Advisor to discuss options)	3
MATH 1710 (Component Area Option 2 - See Advisor to discuss options)	3-4	GEOG 3500	3
Social & Behavioral Science (GEOG 1200 recommended)	3	HIST 2620	3
Language, Philosophy & Culture	3	Elective	3
HIST 2610	3	Elective	3
Total Hours	16-17	Total Hours	15

Fall	Hrs.
GEOG 4550	3
CSCE 2100	3
CSCE 2110	3
Elective (Advanced)	3
Elective	3
Total hours	15

Spring	Hrs.
GEOG 4560	3
GIS + CS Track Elective (Advanced)	3
GIS Elective (Advanced)	3
Elective (Advanced)	3
Elective	3
Total hours	15

Fall	Hrs.
GEOG 4570	3
GIS + CS Track Elective (Advanced)	3
GIS + CS Track Elective (Advanced)	3
Elective (Advanced)	3
Elective	3
Total hours	15

Spring	Hrs.
GEOG 4590	3
GIS + CS Track Elective (Advanced)	3
GIS + CS Track Elective (Advanced)	3
Elective	3
Elective	3
Total hours	15

Milestones
Pre-graduation check

Milestones
Apply for graduation in first two weeks of semester