

2019 – 2020 PRELIMINARY LISTING OF COURSES FOR SPATIAL DATA SCIENCE AND TECHNOLOGY MAJORS

Provisional and subject to change

Fall 2019

Core Courses

GEOG 181 Our Digital Earth
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Marcus
Fish
Wilkins

Elective Courses

GEOG 485 Remote Sensing I
GEOG 490 Topics: Webmapping
GEOG 498 Geospatial Project Design
GEOG 491 Advanced GIS: Python
CIS 210 Computer Science I

Kohler
Merson
Fish
Kohler
Freeman

Winter 2020

Core Courses

GEOG 281 The World and Big Data
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Luan
Fish
TBA

Elective Courses

GEOG 482 GIScience II
GEOG 493 Advanced Cartography
GEOG 494 Spatial Analysis
CIS 210 Computer Science I
CIS 211 Computer Science II

Kohler
Meacham
Luan
Freeman
Young

Spring 2020

Core Courses

GEOG 181 Our Digital Earth
GEOG 481 GIScience I
CIS 122 Intro to Programming and Prob Solving

Instructor

Fish
Lobben
Wilkins

Elective Courses

GEOG 482 GIScience II
GEOG 490 Topics: Public Health & GIS
GEOG 490 Topics: Mapping & Drones
GEOG 490 Topics: Machine Learning
GEOG 495 Geographic Data Analysis
CIS 211 Computer Science II

Kohler
Luan
Zettler-Mann
Eshghi
Bartlein
Young