

DATA VISUALIZATION, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

Requirement	Credits
Requirements for the Minor	22-23

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (<https://senate.psu.edu/students/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/>). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
Prescribed Courses		
<i>Prescribed Courses: Require a grade of C or better</i>		
DIGIT 410	Data Visualization	3
Additional Courses		
<i>Additional Courses: Require a grade of C or better</i>		
COMM 406 or MIS 415	Electronic News Gathering and Editing Social Media Management and Analytics	3
GEOG 160 or GEOG 260	Mapping Our Changing World Geographic Information in a Changing World: Introduction to GIScience	3
PSYCH 200 or STAT 200	Elementary Statistics in Psychology Elementary Statistics	4
Select 3-4 credits from the following:		3-4
ART 102	Beginning Computer Aided Design for Artists	
ART 168	The Digital Medium	
COMM 270	Introduction to Multimedia Production	
DART 303	3D Studio	
GD 100	Introduction to Graphic Design	
PSYCH 246N	Human Factors in Design & Art	
Select 3 credits from the following:		3
CMPSC 101	Introduction to Programming	
CMPSC 121	Introduction to Programming Techniques	
CMPSC 201	Programming for Engineers with C++	
CMPSC 221	Object Oriented Programming with Web-Based Applications	
DIGIT 210	Large Scale Text Analysis	
HCDD 311	Object-Oriented Design and Software Applications	
IST 242	Intermediate & Object-Oriented Application Development	
IST 256	Programming for the Web	
Select 3 credits from the following:		3
COMM 310	Digital Media Metrics	
MIS 301	Business Analytics	
MIS 345	Introduction to Data Analytics	