





Data Journalism Electives

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Course	JOU 3305 Data Journalism	JOU 4318 Sports Data Journalism	JOU 3121 DataViz & Mapping	JOU 4306 Advanced Data Journalism
Semester	Fall	Fall	Spring	Spring
Data Skills	Data newbies	Data newbies	Data newbies	Intermediate data skills, but no prior coding required
Open To	Any major with a journalism bent	Any major with a journalism bent or in sports analytics	Any major, though built for journalism	Alums of either fall data course
Objective	Think empirically about covering any journalism topic	Think originally about sports data beyond wins and scores	Craft visual data stories for mobile and find patterns in geospatial data	To be hireable as a full-time data journalist who can program in R
Tools	Excel-intensive Data cleaning No-code scraping SQL databases	Excel-intensive Some statistics No-code scraping	Datawrapper Some Excel A little Tableau QGIS	R-intensive Some statistics Quarto publishing
Sequence	Take either fall course but not both, after or before DataViz & Mapping		After or before a fall data course	A fall data course is a pre-req
Job Fit	Communication-related fields that require literacy in data and numbers	Communication-related fields and sports teams that require literacy in data and numbers	Communication-related fields that require literacy in data and numbers	Communication-related fields that require strong competence in data and numbers
Primary Course Purpose	Interrogate data to test claims and find interesting, original stories	Conduct original analysis of sports performance that transcends clichés	Design data visuals and maps that resonate with busy audiences	Replace Excel, GIS, and SQL with reproducible data programming