



## 2023-2024 Catalog

### Data Analytics

Minor

**Program**

Computer Science

**Total Credits 4-22**

#### Fundamental Courses

Item #	Course Title	Credits
<input type="checkbox"/> COMSC 1450	Introduction to Programming and Computer Science	4

#### Statistics

Choose one course from the following:

Item #	Course Title	Credits
<input type="checkbox"/> MATH 2435	Introduction to Statistical and Quantitative Analysis	4
<input type="checkbox"/> MATH 3332	Elementary Statistical Methods for Economics & Business	3
<input type="checkbox"/> MATH 3450	Biostatistics I	4
<input type="checkbox"/> PSYC 3433	Foundations of Statistical Analysis	4

#### Core Minor Courses

Item #	Course Title	Credits
<input type="checkbox"/> MATH 3371	Introduction to Data Analytics	COMSC 3372 Prerequisite MATH 2435, or MATH 3332, or MATH 3450, or PSYC 3433 3
<input type="checkbox"/> MATH 3372	Data Visualization	COMSC 3372 Prerequisite MATH 2435, or MATH 3332, or MATH 3450, or PSYC 3433 3

#### Domain Courses

Choose any two courses

Consult catalog for prerequisites.

Item #	Course Title	Credits
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<input type="checkbox"/>	BIOL 3321	Genetics	Prerequisites (with a grade of 'C' or better): BIOL 1351/1151, 1352/1152 and CHEM 1341/1141.	3
<input type="checkbox"/>	BIOL 3331	Ecology	BIOL Upper-Division Prerequisite (with a 'C' or better): BIOL 3321	3
<input type="checkbox"/>	COMSC 2351	Data Structures	COMSC 2351 Prerequisite: COMSC 1451	3
<input type="checkbox"/>	COMSC 3375	Database Systems	COMSC 3375 Prerequisites: COMSC 1451	3
<input type="checkbox"/>	INST 3351	Comparative Political Systems	INST 3351 Prerequisite: INST 1351	3
<input type="checkbox"/>	INST 3352	International Politics	INST 3352 Prerequisite: INST 1351	3
<input type="checkbox"/>	MKTG 3345	Consumer Behavior		3
<input type="checkbox"/>	MKTG 3351	Marketing Research	MKTG 3351 Prerequisites: MATH 1353, 3332; MKTG 3343	3
<input type="checkbox"/>	MKTG 4330	Marketing Measurement & Analytics	MKTG 4330 Prerequisites: MKTG 3343 and MATH 3332, MATH 2435 OR PSYC 3433	3
<input type="checkbox"/>	MATH 3335	A First Course in Probability	MATH 3335 Prerequisite: MATH 1432	3
<input type="checkbox"/>	MATH 4350	Biostatistics II		3
<input type="checkbox"/>	MATH 4381	Advance Topics in Applied Statistics		3
<input type="checkbox"/>	PSYC 3351	Industrial/Organizational Psychology	PSYC 3351 Prerequisite: PSYC 1332	3
<input type="checkbox"/>	PSYC 4434	Experimental Social Psychology		4
<input type="checkbox"/>	PSYC 4435	Cognitive Psychology	PSYC 4435 Prerequisites: PSYC 3433	4