

Major: Business Analytics

Catalog Year: 2023-2024

This guide is for planning purposes in consultation with your advisor. For official program requirements, please refer to the academic catalog and your degree audit. To complete the program in 4 years, students will need to enroll in an average of 15 credits (5 classes) per semester.

Degree requirements are made up of core requirements (C), major requirements (M), and elective courses (E).

| First Year | | | | | |
|---------------|--------------------|---------------------------|-----|------|-----|
| Semester 1 | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem |
| MATH 112 | Modern App of Math | (PRE: MATH 104) C minimum | 3 | M/C | |
| JU 189 (or JU | First-Year Seminar | | 3 | E | |
| 169 Honors) | | | | | |
| MGT 320 | Leadership | | 3 | М | |
| Core | | | 3 | С | |
| Core | | | 3 | С | |

| First Year | | | | | | |
|---------------|------------------------------|------------------------|-----|------|-----|--|
| Semester 2 | | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem | |
| ECON 201 | Principles of Macroeconomics | C minimum | 3 | M/C | | |
| PHIL 212 | Ethics | | 3 | M/C | | |
| MKG 301 | Principles of Marketing | | 3 | М | | |
| Core | | | 3 | С | | |
| Core | | | 3 | С | | |

| Semester 3 | | | | | | | |
|---------------|---|------------------------|-----|------|-----|--|--|
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem | | |
| ACCT 201 | Principles of Accounting I | C minimum | 3 | М | | | |
| DSIM 201 | Business Statistics | C minimum | 3 | М | | | |
| ECON 202 | Principles of Microeconomics | C minimum | 3 | М | | | |
| DSIM 203RI | Application Business/Economics Analysis | C minimum | 3 | M/C | | | |
| Core/Elective | | | 3 | C/E | | | |



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| Second Year | | | | | | |
|---------------|------------------------------------|---|-----|------|-----|--|
| Semester 4 | | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem | |
| ACCT 202 | Principles of Accounting II | (PRE: ACCT 201, MATH 112 or 140) C minimum | 3 | М | | |
| MGT 321 | Legal Ethical Environment Business | (PRE: ENGL 103) C minimum | 3 | М | | |
| DSIM 305 | Quantitative Business Methods | (PRE: DISM 201 or consent of instructor) | 3 | Μ | | |
| Core/Elective | | | 3 | C/E | | |
| Core/Elective | | | 3 | C/E | | |

| Third Year | | | | | |
|----------------|------------------------------------|------------------------------|-----|------|-----|
| Semester 5 | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem |
| DSIM 370 | Management Info Technology | (PRE: DSMI 203RI) | 3 | М | |
| DSIM 307 | Introduction to Business Analytics | (PRE: DSIM 203RI & DSIM 201) | 3 | М | F |
| MGT 310 | Org Behavior / Leadership Skills | Satisfies DEI requirement | 3 | М | |
| FIN 301 | Corporate Finance | (PRE: ACCT 201 and ECON 201) | 3 | М | |
| Core/ Elective | | | 3 | C/E | |

| Third Year | | | | | |
|----------------|-----------------------------------|---------------------------------|-----|------|-----|
| Semester 6 | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem |
| INB 303 | Competing in a Global Environment | Satisfies DEI requirement | 3 | М | |
| MGT 308WS | Business Communication | (PRE: ENGL 103) C minimum | 3 | М | |
| DSIM 410 | Business Data Analysis | (PRE: DSIM 201, 203RI, and 370) | 3 | М | Sp |
| Core/ Elective | | | 3 | C/E | |
| Core/ Elective | | | 3 | C/E | |



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| Fourth Year | | | | | | | |
|----------------|--------------------------------------|-----------------------------|-----|------|-----|--|--|
| Semester 7 | | | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem | | |
| DSIM 350 | Project/ Operations Management | (PRE: MATH 112 or 140) | | М | | | |
| | | | 3 | | | | |
| XXX - XXX | 300/400-level Business Elective- | Check course selection | 3 | М | | | |
| | suggested courses are: ACCT/FIN 305, | Prerequisites | | | | | |
| | DSIM/MKG 435, DSIM 480, DSIM 490. | | | | | | |
| DSIM 405 | Advanced Statistics and Econometrics | (PRE: DSIM 201 & 203RI, and | 3 | М | F | | |
| | | ECON 201 & 202) | | | | | |
| Core/Elective | | | 3 | C/E | | | |
| Core/ Elective | | | 3 | C/E | | | |

| Fourth Year | | | | | |
|----------------|---------------------------------|--------------------------------|-----|------|-----|
| Semester 8 | | | | | |
| Prefix/Number | Course Title | Prerequisites/Comments | Crs | Area | Sem |
| MGT 432 | Business Strategies /Venture | (PRE: FIN 301 or SPO 301 & | 3 | Μ | |
| | Development | senior status) | | | |
| DSIM 420 | Visual Analytics | (PRE: DSIM 201 & 203RI) | 3 | Μ | Sp |
| DSIM 415 | Management Predictive Analytics | (PRE: DSIM 201, DSIM 305, DSIM | 3 | Μ | Sp |
| | | 307, DSIM 405) | | | |
| Core/ Elective | | | 3 | C/E | |
| Core/ Elective | | | 3 | C/E | |



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| Core Courses (37 | Core Courses (37 credits) | | | | |
|-------------------------------|---|---------|--|--|--|
| Area | Course(s) | Planned | | | |
| Economics | ECON 201 (satisfied by major) | х | | | |
| English | ENGL 103 (depending on placement, student may need ENGL 101 first). 'C-' or better required. NOTE: All students enrolled in ENGL 103 must pass an Exit Exam at the end of the term. Students not passing this exit exam are required to enroll in ENGL 214WI prior to reaching 60 hours. It is not necessary to pass this exam in order to pass ENGL 103. ENGL 214WI counts as an elective course. | 3 | | | |
| English (Lit) | ENGL 189, 202, 203, 204, or 206 | 3 | | | |
| Fine Arts | Three hours in ART, ARH, DANC, MART, MUS, or THEA | 3 | | | |
| Global Studies Requirement | One 102-level (or above) foreign language course or equivalent, or any International Studies (IS) course at the 300-level | 3 | | | |
| History | One three-credit HIST course at the 100- or 200-level | 3 | | | |
| Humanities | One three-credit HUM course at 300 level or above | 3 | | | |
| Lab Science | 100 or 200-level lab science, at least 4 credits, in BIOL, CHEM, ENV, MSC, or PHYS | 4 | | | |
| Mathematics | MATH 112 (satisfied by major) | х | | | |
| Philosophy | PHIL 212 (satisfied by major) | Х | | | |
| Social Science | GEOG 189 or 200; POL 189, 205 or 208; PSYC 189 or 201; SOC 189 or 203 | 3 | | | |
| Technology | DSIM 203RI (satisfied by major; also satisfies the Experiential Learning requirement) | Х | | | |

General Requirements for All bachelor's degrees •A minimum of 120 credit hours earned with a minimum of 30 credit hours completed at JU. •A minimum of a "C" (2.0) average for all work taken at JU. •A student must satisfy all requirements of the University Core Curriculum in addition to all major and degree requirements. •A student is responsible for meeting the specific graduation requirements of the selected major and degree. A student who pursues more than one major must meet all degree requirements for each major. •A student must have at least a "C" (2.0) average in the major. •At least 12 credit hours in the major in courses numbered 300 or above must be completed at JU. •A minimum of forty-two credit hours must be in courses numbered 300 or above. *At least one each of an upper level Writing-Intensive and Speech-Intensive course (designated with a "WI" or "SI" in the course number; may be satisfied by courses already required for major). •At least 3 credit hours in Experiential Learning (defined as Undergraduate Research, Research Intensive with "RI" designation, Internship, Study Abroad, or Service Learning; may be satisfied by courses already required for major). NOTE: This four-year plan is meant to be a guide. For full degree requirements, please consult the academic catalog.