

2026-2027 Data Analytics BBA Degree Plan

Student name: _____ UMID: _____ Date: _____

Advisor name: _____ Concentration: **None**



UNIVERSITY of
MONTEVALLO

The Purpose of General Education is to Gain:

- Knowledge of Human Cultures and the Physical and Natural World
- Intellectual and Practical Skills
- Personal and Social Responsibility
- Integrative and Applied Learning

Key Courses For General Education (53 hours)

- First Year Experience (3)**
 Choose: GB 101. 3 _____
1. **Written Composition (6)**
 Choose: ENG 101 or 103. 3 _____
 Choose: ENG 102 or 104. 3 _____
2. **Humanities & Fine Arts (18)**
 Choose one: ENG 231, 233, 232 or 234.* 3 _____
 *Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.
 Choose: COMS 101 or 102. 3 _____
 Choose one Fine Arts: ART 100, 120, 220; 3 _____
 MC 100, 325; MUS 121 or 122, 125, 211, 240, 255, 342; THEA 120 or 122, 123. 3 _____
 Choose one Humanities: AAS 200; ASL 101, 102, 201, 202; ENG 231 or 233, 232 or 234; FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103, 102 or 104, 150, 201, 202, 250; GER 101, 102, 201, 202; PHIL 110 or 111, 180, 220 or 221, 230, 280, 290; REL 110. 3 _____
 Choose two of the following (not used above):
 AAS 200; ASL 101, 102, 201, 202; ART 100, 120, 220; 3 _____
 ENG 231 or 233, 232 or 234; FRN 101, 102, 150, 201, 202, 250; SPN 101 or 103; 102 or 104, 150, 201, 202, 250; GER 101, 102, 201, 202; MC 100, 325; MUS 121 or 122, 125, 211, 240, 255, 342; PHIL 110 or 111, 180, 220 or 221, 230, 280, 290; REL 110; THEA 120 or 122, 123. 3 _____
3. **Natural Sciences & Mathematics (11)**
 Choose one lab science from two different disciplines:
 BIO 100, 105-107; CHEM 100-102, 121, 122; 4 _____
 ESCI 100; GEOL 110, 115; PHYS 100 or higher. 4 _____
 Choose: MATH 147 or 154 (or MATH 144 or higher). 3 _____
4. **History, Social & Behavioral Sciences (12)**
 Choose one History: HIST 101, 103, 102 or 104.* 3 _____
 *Students must complete a six-hour sequence in either History or Literature. Students may complete both sequences.
 Choose: EC 231. 3 _____
 Choose: EC 232. 3 _____
 Choose one of the following not used above:
 FCS 291, 302; GEOG 231; HIST 101 or 103; 102 or 104; POS 200, 250; PSYC 201/202; SOC 101/102; SWK 203, 260, 322. 3 _____
5. **Personal Development (3)**
 Choose: MIS 161. 3 _____

Business Core Requirements (33 hours)

All courses passed or concurrent registration with MG 469 (to complete core).
 The last 18 hours in the basic core must be completed at UM.

- AC 221 (Principles of Accounting I) 3 _____
- AC 222 (Principles of Accounting II) 3 _____
- BL 283 (Legal Environment of Business) 3 _____
- FI 372 (Business Finance) 3 _____
- GB 205 (Business Professional Development) 3 _____
- MG 361 (Principles of Mgmt. and Organ. Theory) 3 _____
- MG 469 (Business Policy) 3 _____
- MK 351 (Principles of Marketing) 3 _____
- QM 237 (Data Analytics in Business I) 3 _____
- QM 238 (Data Analytics in Business II) 3 _____
- QM 363 (Operations Management) 3 _____

Major Requirements (30 hours)

- DATA 161 (Data Analytics Foundations) 3 _____
- DATA 200 (Data Visualization) 3 _____
- DATA 241 (Intro to Data Analytics and Computing) 3 _____
- DATA 245 (Programming Found. for Data Analytics) 3 _____
- DATA 348 (Database I) 3 _____
- DATA 350 (Database II) 3 _____
- DATA 400 (Applied Machine Learning and AI) 3 _____
- DATA 450 (Data Analysis and Mining I) 3 _____
- DATA 451 (Data Analysis and Mining II) 3 _____
- DATA 457 (Data Analytics Practicum) **OR** 3 _____
- DATA 409 (Internship in Data Analytics) 3 _____

General Electives (4 hours)

GENERAL GRADUATION REQUIREMENTS

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|-----------------------------------|--|
| 1. 50% of crs in major area at UM | 5. 45 hr limit of non-traditional credit |
| 2. 30 hrs 300/400 at UM | 6. 6-hr sequence in history or literature |
| 3. 30 of last 40 hours at UM | 7. Capstone experience within major |
| 4. 60 hr limit from 2-year school | 8. 2.0 or higher UM GPA and in all major and minor areas |

Minor Course Requirements (Optional)

Title: _____ Hrs. Req. _____

Total Hours Required: 120

Total Hours Completed to Date: _____

Hours Remaining for Completion: _____

Hours Currently Registered: _____

Hours Remaining: _____