

# 2025-2026 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; 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; ART 100, 120, 220; 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; 3 \_\_\_\_\_  
 102 or 104; POS 200, 250; PSYC 201/202; SOC 101/102; SWK 203, 260, 322.
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)

### General Electives (4 hours)

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### **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. 64 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. \_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Total Hours Required: 120

Total Hours Completed to Date: \_\_\_\_\_

Hours Remaining for Completion: \_\_\_\_\_

Hours Currently Registered: \_\_\_\_\_

Hours Remaining: \_\_\_\_\_