

2014-2015 Mathematics BA 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 (50 hours)

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 or 232/234* 3 _____
*Students must take at least one six hour sequence in Literature or History. Students are free to take both sequences.
Choose COMS 101 or 102 3 _____
Choose one Fine Arts: ART 100, 218, 219; 3 _____
 MC 325; MUS 121/122, 125, 211, 255, 342; 3 _____
 THEA 120/122.
Choose one Humanities:
 ENG 231/233, 232/234; FRN 101, 102, 150, 3 _____
 201, 202, 250; SPN 101/103, 102,104, 150,
 201, 202, 250; GER 101, 102, 201, 202; HNRS 309
 PHIL 110/111, 180, 220/221, 230, 280, 290.
Choose two of the following (not used above):
 ART 100, 218, 219; ENG 231/233, 232/234; 3 _____
 FRN/SPN 101, 102, 150, 201, 202, 250; 3 _____
 GER 101, 102, 201, 202; HNRS 309; MC 325;
 MUS 121/122, 125, 211, 255, 342; PHIL 110/111,
 180, 220/221, 230, 280, 290; THEA 120/122.
3. **Natural Sciences & Mathematics (11)**
Choose one lab science from two different disciplines:
 BIO 100 or higher; CHEM 100 or higher; 4_ ✓ _
 GEOL 110, 115; PHYS 100 or higher 4 _____
Choose MATH 170 3_ ✓ _
4. **History, Social & Behavioral Sciences (12)**
Choose one: HIST 101/103 or 102/104* 3 _____
*Students must take at least one six hour sequence in Literature or History. Students are free to take both sequences.
Choose three of the following not used above:
 EC 231, 232; FCS 291, 402; GEOG 231; 3 _____
 HIST 101/103, 102/104; POS 200, 250; PSYC 201; 3 _____
 PSYC/SWK 203, 322; SOC 101; SWK 260 3 _____
5. **Personal Development (3)**
Choose MATH 261 3_ ✓ _

Additional Requirements for Degree

Bachelor of Arts Requirements

Complete the second-year course sequence in FRN, GER, SPN.
 Courses may also be used to satisfy requirement #2 (Humanities) above.

101/103 3 _____	201 3 _____	
102/104 3 _____	202 3 _____	
Or 150 6 _____	250 6 _____	

✓ Indicates requirement is satisfied in major course requirements

MAJOR COURSE REQUIREMENTS (45)

MATH 170 (Calculus I)	4 _____
MATH 171 (Calculus II)	4 _____
MATH 185 (Survey of Mathematics)	1 _____
MATH 247 (Intro. to Discrete Mathematics)	3 _____
MATH 261 (Intro to Prog. & Comp. Alg. Sys.)	3 _____
MATH 271 (Sequences, Series & Indt. Forms)	3 _____
MATH 272 (Calculus III)	4 _____
MATH 310 (Foundations of Mathematics)	3 _____
MATH 470 (Real Analysis)	3 _____
MATH 484 (Directed Reading in Mathematics)	1 _____
MATH 485 (Senior Seminar)	1 _____
Math Elective (300 level or above)	3 _____
Math Elective (300 level or above)	3 _____
Math Elective (300 level or above)	3 _____
Math Elective (300 level or above)	3 _____
Math Elective (400 level or above)	3 _____

ADDITIONAL REQUIREMENTS (8)

8 hours at the 200 level or above taken in <u>ONE</u>	4 _____
of the following: Biology, Chemistry or Physics	4 _____

MINOR COURSE REQUIREMENTS (Optional)

Title: _____	Hrs. Req. _____

GENERAL ELECTIVES

GENERAL GRADUATION REQUIREMENTS

- | | |
|-----------------------------------|--|
| 1. 50% of hrs 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 |

Total Hours Required:	130
Total Hours Completed to Date:	_____
Hours Remaining for Completion:	_____
Hours Currently Registered:	_____
Hours Remaining:	_____

For planning only. Refer to CAPP for official degree evaluation.