2013-2014
ACADEMIC CHECKSHEET

THE UNIVERSITY OF
MONTEVALLO

MATHEMATICS

NAME: _____ ID: _____ DEGREE: BS

ADVISOR: DATE:

GENERAL EDUCATION REQUIREMENTS

See UM Bulletin for full explanation.

1. Written Composition (6)

ENG 101 or 103 3____
ENG 102 or 104 3____

2. Humanities & Fine Arts (18)

ENG 231 or 233 3____
ENG 232 or 234 3____
COMS 101 or 102 3____
FINE ARTS -
ART 100, 218, 219; MC 325;
MUS 121, 122, 125, 255, 342; THEA 120, 122 3____
Select 2 courses from the following list, but no more than 1 from Fine Arts: ART 100, 218, 219; MC 325; MUS 121, 122, 125, 255, 342; THEA 120, 122;
PHIL 110, 111, 180, 220, 221, 230, 280, 290;
FRN/SPN 101, 102, 150, 201, 202, 250; 3____
GER 101, 102, 201, 202; HNRS 309 3____

3. Natural Sciences & Mathematics (11)

(Lab sciences in 2 disciplines)
BIO 100 or higher 4____
CHEM 100 or higher 4_*__
PHYS 100 or higher
GEOL 110, 115
MATH 170 3_*__

4. History, Social & Behavioral Sciences (12)

HIST 101 or 103 3____
HIST 102 or 104 3____
Select 2 courses from the following list:
EC 231, 232, FCS 291, 402, GEOG 231 3____
POS 200, 250, PSYC 201, PSYC/SWK 203, 322 3____
SOC 230, 250, SOC/SWK 260

5. Health & Wellness, Activity (3)

KNES 120 3____

6. Computer Applications (1-3)

MATH 261 3_*__

7. Additional Hours Required for BS Degree

Science/Math (7 Hours beyond 11 Hr. Gen. Ed. Req.)
_____NONE_____
_____

* Satisfied in Major Course Requirements

Graduation Requirements:
1. 50% of major at UM
2. 30 hours of 300/400 level work at UM
3. 30 of last 40 hours at UM

Updated 03/08/2013

****MAJOR COURSE REQUIREMENTS – 44 hours****

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 & Indet. Forms) 2____
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____

Complete one of the following two options:

****OPTION 1**

MATH 376 (Complex Analysis) 3____
MATH 440 (Abstract Algebra) 3____
MATH 480 (Topology) 3____
MATH Elective (200 level or above) 3____
MATH Elective (300 level or above) 3____

****OPTION 2**

Two of the following three:

MATH 330 (Numerical Analysis) 3____
MATH 336 (Mathematical Statistics) 3____
MATH 350 (Differential Equations)
MATH Elective (300 level or above) 3____
MATH Elective (300 level or above) 3____
MATH Elective (400 level or above) 3____

****ADDITIONAL REQUIREMENTS 8 hours**

8 hours at the 200 level or above taken in ONE 4____
of the following: Biology, Chemistry or Physics) 4____

GENERAL ELECTIVES

_____
_____
_____
_____
_____

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