

BLUE MOUNTAIN CHRISTIAN UNIVERSITY

MATHEMATICS, BACHELOR OF SCIENCE IN EDUCATION

126-130 total hours required

- ☐ 25% of degree hours must be earned at BMCU.
- ☐ Students may transfer a maximum of 70 semester hours of credit from a community or junior college.
- ☐ A minimum of 40 semester hours of credit in 300- and 400- level courses are required for a degree at the University. Twenty-four of these semester hours must be earned at the University.
- ☐ A minimum of 12 semester hours of 300- and 400-level *major* course work is required for a degree of which six must be earned at the University.
- ☐ A minimum of six semester hours of 300- and 400-level *minor* course work is required for a degree of which three must be earned at the University.
- ☐ Proficiencies must be met in Mathematics, English, and the Core Curriculum.

COLLEGE CORE REQUIREMENTS

ENGLISH: 12-14 hours

- ☐ ENG 100 English Composition I **or**
ENG 110 English Composition I-Honors
- ☐ ENG 101 English Composition II **or**
ENG 111 English Composition II-Honors
- ☐ Select one 200-level literature course
- ☐ Select an additional 200-level or above 3-hour ENG course

HISTORY: 6 hours

- ☐ Select 2 courses from the following
HIS 110 Western Civilization I; HIS 111 Western Civilization II;
HIS 210 Early U.S. History; HIS 211 Modern U.S. History

SOCIAL/BEHAVIORAL SCIENCE: 6 hours

- ☐ PSY 100 Intro to Psychology
- ☐ Select one additional course with CRJ, ECO, GEO, PSC, or SOC prefix

BIBLICAL STUDIES: 6 hours

- ☐ Select 2 courses from the following
BIB 100 Old Testament I; BIB 101 Old Testament II;
BIB 200 New Testament I; BIB 201 New Testament II

NATURAL SCIENCE: 4 hours

- ☐ BIO 184/184L General Biology I + Lab

PHYSICAL SCIENCE: 3 hours

- ☐ PHY 204 Concepts of Physics & Astronomy **or**
PHY 207 Survey of Earth & Environmental Science

MATHEMATICS: 6 hours

Hours met in major requirements

SPEECH: 3 hours

- ☐ STH 210 Oral Communication

FINE ARTS: 3 hours

- ☐ Select one course from the following
ART 142 Art Appreciation; MUS 142 Music Appreciation; **or**
STH 142 Theatre Appreciation

PHYSICAL FITNESS: 2 hours*

**All first-time freshmen must take PED 127 or PED 128. Athletes and band earn the 2-hour physical fitness requirement in their sport/activity.*

- ☐ PED 127 Fitness for Life—Cardio
or PED 128 Fitness for Life—Resistance
- ☐ Select one additional activity course with PED prefix

FIRST YEAR SEMINAR: 1 hour

Required only for First-time Freshmen

- ☐ FYS 100 First Year Seminar

REQUIREMENTS IN THE MAJOR: 36 hours required

- ☐ *Students who lack a strong background in either Algebra or Trigonometry must take MAT 110 College Algebra and/or MAT 111 Trigonometry. These two courses do not count as credit toward major hours.*
- ☐ MAT 140 Elementary Statistics
- ☐ MAT 230 Calculus & Analytical Geometry I
- ☐ MAT 231 Calculus & Analytical Geometry II
- ☐ MAT 305 Linear Algebra
- ☐ MAT 315 Differential Equations
- ☐ MAT 330 Calculus & Analytical Geometry III
- ☐ MAT 331 Calculus & Analytical Geometry IV
- ☐ MAT 340 Foundations of Mathematics
- ☐ MAT 407 Fundamental Concepts of Geometry
- ☐ MAT 420 Probability & Statistics
- ☐ MAT 445 Abstract Algebra
- ☐ CSI 200 Programming for Everyone I
(LCMS Rize Online Course)

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EDUCATION/PSYCHOLOGY COMPONENT: 19-20 hours

- ☐ EDU 216 Introduction to Education **with**
- ☐ EDU 217 PRAXIS Core Preparation/Lab
(not required for students who have ACT/SAT exemption)
- ☐ EDU 326 Reading in the Academic Disciplines
- ☐ EDU 350 Survey of Learners with Exceptionalities
- ☐ EDU 370 Foundations of Educational Technology
- ☐ EDU 400 Theories of Learning **with**
- ☐ EDU 401 PRAXIS PLT Preparation
- ☐ PSY 260 Human Growth & Development

PROFESSIONAL EDUCATION COURSES: 10 hours

- ☐ EDU 340 Classroom Assessment
- ☐ EDU 424 Classroom/Behavior Management
- ☐ EDU 450e Methods of Teaching Mathematics
- ☐ EDU 470 Pre-Internship Lab

PROFESSIONAL SEMESTER: 12 hours

Requires admission to Teacher Education and taking of the required Mississippi Licensure Examinations.

- ☐ EDU 488 Internship in Secondary Schools

NO MINOR REQUIRED