

Bachelor of Arts in MATHEMATICS For Teachers Credit Worksheet

NAME _____

DATE _____

GENERAL EDUCATION (42)

BASIC LITERACY (10)

- COMM 1260 Oral Communication (3) _____
- *†ENGL 1220 Principles of College Writing II (3) _____
- *MATH 2430 Calculus I (4; Sp) _____

† ENGL 1210 Principles of College Writing I is the pre-requisite for ENGL 1220. You may be waived from ENGL 1210 by SAT, ACT, AP or a Placement Exam. If you need ENGL 1210 it will count as an elective.

ARTS & HUMANITIES (12)

One of the following (3):

- POLS 2700 Intro to Political Science (3; F) _____
- POLS 2720 American Government (3; Sp) _____

One of the following (3):

- §HUMA 1450 World Civilizations I (3; F) _____
- §HUMA 1460 World Civilizations II (3; Sp) _____

One of the following (3):

- *§ENGL 3220 World Literature (3; OF, Sp) _____
- §MUSI 3690 Music in World Cultures (3) _____
- HUMA 2440 Fine Arts in Western Culture (3) _____

One of the following (3):

- HIST 2330 US History to 1877 (3; F) _____
- HIST 2340 US History from 1877 (3; Sp) _____
- ENGL XXXX Any Literature (3) _____
- *§LANG 2XXX or 3XXX modern foreign language (3) _____
- MUSI 1600 Music in History and Context (3; Sp) _____
- PHIL 3010 Philosophy and Critical Thought (3) _____

SCIENCES & SOCIAL SCIENCES (11 credits)

- *PHYS 3110 General Physics (4; F) _____
- Non-lab science (BIOL or PHYS) (3) _____
- PHED 1100 Fitness and Wellness (1) _____

One of the following (3):

- *§ANTH 3110 Cultural Anthropology (3; F) _____
- BUSS 1950 Introduction to Economics (3) _____
- *§LING 4330 Communicating Cross-Culturally (3) _____
- PSYC 1600 Intro to Psychology (3) _____
- §RELI 3200 Religions of the World (3; Sp) _____
- SOCI 1800 Intro to Sociology (3; Sp) _____

BIBLICAL STUDIES (9 credits)

- BIBL 1300 Literature of the Old Testament (3) _____
- BIBL 1310 Literature of the New Testament (3) _____
- *CORE 2000 Engaging Faith & Society (3) _____
- LEAD 2000 Service Seminar (0) _____

Cross-Cultural Double Dip (0-6 credits)

- §HUMA 1450 World Civ I or HUMA 1460 World Civ II (3) _____ in GE

Students must complete 6 credits of cross-cultural courses. Look for courses on this sheet with § or refer to catalog for a complete list.

MAJOR REQUIREMENTS (54)

COMMON COURSES (48)

- EDUC 2000 Intro to Education (3; Sp) _____
- *+EDUC 4250 Technology for Teaching & Learning (3) _____
- *+EDUC 4430 Curriculum and Instruction (5) _____
- *MATH 2450 Math Reasoning and Writing (3; 20Sp) _____
- MATH 2500 Math Professions (2; F) _____
- *MATH 2530 Calculus II (4; Sp) _____
- *MATH 2610 Statistics (3) _____
- *MATH 2630 Calculus III (4; 19F) _____
- *MATH 2830 Computer Programming (3; 20Sp) _____
- *MATH 3050 Intro Num Theory & Mod. Alg (3; 20F) _____
- *MATH 3250 Linear Algebra (3; 20F) _____
- *MATH 3530 Math Statistics with Probability (3; 21F) _____
- *MATH 3630W Math History (3; 20F) _____
- *MATH 3930 Differential Equations (3; 21Sp) _____
- *MATH 4630 Geometry (3; 22Sp) _____

Choose two Mathematics Electives from the following (6 credits):

- *MATH 3330 Number Theory (3; 21Sp) _____
 - *MATH 4030 Modern Algebra (3; 21Sp) _____
 - *MATH 4240 Real Analysis (3; 22Sp) _____
 - *MATH 4400 Selected Topics in Mathematics (1-4; 21F) _____
- (Math 4400 may be repeated once with a different topic.)

OPTIONAL EDUCATION MINOR (10 credits)

- EDUC 2000 Intro to Education (3) _____ *in major*
 - *+EDUC 4020 Psychological Application in Ed (3) _____
 - *+EDUC 4250 Technology for Teaching & Learning (3) _____ *in major*
 - *+EDUC 4410 Language Arts in the Sec. Schools (4) _____
 - *+EDUC 4430 Curriculum and Instruction (5) _____ *in major*
 - *+§EDUC 4470 Multicultural Instruction (3) _____
- # Must be completed before student teaching

UNRESTRICTED ELECTIVES (14*-24) *Pursuing Ed. Minor

(Max transfer electives = 39)

TOTAL PROGRAM

General Education	42
Math For Teachers Major (at least 24 UPPER DIVISION)	54
Unrestricted Electives (No Education Minor)	24
Education Minor (for students pursuing the Ed. Min.)	14
TOTAL (at least 30 UPPER DIVISION)	120

*Course has prerequisites; consult course descriptions in catalog
FYE is required for incoming students with less than 24 credits, and will count as an unrestricted elective.