# Mathematics  Bachelor of Arts

## DEGREE PLAN

### Common Core for Mathematics  40-41 Hours

**CORNERSTONE**  
- GNSC 1201 Cornerstone of Science  

**BIBLICAL LITERACY — SELECT TWO COURSES**  6
- REL 1013 Old Testament History and Literature  
- REL 1023 New Testament History and Literature  
- REL 3073 Biblical Ethics  

**WRITING AND LITERATURE**  6
- ENGL 1153 English Composition: Exposition and Argument  
- ENGL 1163 English: Composition and Classical Literature  

**SCIENTIFIC LITERACY**  4-5
- Laboratory Science Course  

**WELLNESS AND LIFELONG FITNESS**  2
- PHED Activity Course  
- PHED 1001 The Wellness Lifestyle (Concepts in Fitness)  

**HISTORY AND LITERATURE**  12
- ENGL 2013 European Civilization: Literature  
- HIST 2013 European Civilization: History  
- SELECT ONE PAIR  
  - ENGL 2023 Modern West: Literature  
  - HIST 2023 Modern West: History  
  - ENGL 2033 World Civilizations: Literature  
  - HIST 2033 World Civilizations: History  

**FINE ARTS — SELECT ONE COURSE**  3
- FNAR 2063 Arts and Western Culture  
- FNAR 2163 Arts and Ideas  

**MODERN FOREIGN LANGUAGES & MULTICULTURAL EXPERIENCE †**  6
- Modern Foreign Language Course  
- Modern Foreign Language Course  

**Flex Core**  13-14 Hours
- COMS 1092 Introduction to Speech Communication  
- SELECT ONE COURSE  
  - PHIL 1043 Introduction to Philosophy  
  - PHIL 1502 Critical Thinking  

**SELECT TWO COURSES**
- ECON 1203 Introduction to Economics  
- POLI 1223 American National Government  
- PSYC 1223 General Psychology  
- SOC 1223 Introduction to Sociology  

**SELECT ONE COURSE**
- CIS 2703 Computer Science I  
- CIS Programming Language above 2000 Level  

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### Mathematics  39-40 Hours

**MAJOR**  39-40
- MATH 2003 Basic Statistics  
- MATH 2013 Analytic Geometry and Calculus I  
- MATH 2023 Analytic Geometry and Calculus II  
- MATH 2033 Analytic Geometry and Calculus III  
- MATH 2043 Analytic Geometry and Calculus IV  
- MATH 2103 Discrete Mathematics (CIS 2103)  
- MATH 3203 Linear Algebra  
- MATH 3243 Differential Equations  
- MATH 4113 History and Foundations of Mathematics  
- MATH 4409 Senior Mathematics Seminar  

**SELECT ONE COURSE**
- MATH 4103 Introduction to Real Analysis  
- MATH 4133 Introduction to Modern Algebra  

**SELECT NINE CREDIT HOURS NOT BEING USED TO SATISFY ANOTHER REQUIREMENT**
- MATH 3013 Introduction to Probability and Statistics  
- MATH 3133 Modern Geometry  
- MATH 4103 Introduction to Real Analysis  
- MATH 4123 Introduction to Complex Variables  
- MATH 4133 Introduction to Modern Algebra  
- MATH 4183 Numerical Analysis/Computational Physics (PHYS 4183)  
- MATH 4929 Advanced Topics in Mathematics  
- MATH 4999 Independent Study in Mathematics  

### Minor  18 Hours

**Electives**  15-18 Hours
Courses selected on the basis of student interest in consultation with faculty advisor.  

**Total Hours**  
- Common Core for Mathematics  40-41  
- Flex Core  13-14  
- Mathematics  39-40  
- Minor  18  
- Electives  15-18  

**Total hours required for graduation**  128

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† All students must take two sequential courses of the same language at the appropriate level or an approved Multicultural Experience which includes Modern Foreign Language. For more information on these requirements, visit okbu.edu/catalog/foreign-language.

No D's will be accepted in the area of concentration and the supportive courses or in courses comprising majors and minors.

Program must include at least 39 hours of courses at the 3000-4000 level.