

Articulation Agreement

Associate of Arts in Pre-Secondary Education – Mathematics at UC Clermont College to Bachelor of Science in Mathematics with Secondary Education at Northern Kentucky University

Completion of the following curriculum will satisfy the requirements for the Associate of Arts in Pre-Secondary Education – Mathematics degree at UC Clermont College and leads to the Bachelor of Science in Mathematics with Secondary Education degree at Northern Kentucky University.

Degree requirement for UC Clermont:

1) completion of minimum 60 credit hours, 2) minimum cumulative GPA 2.0, 3) minimum of 15 credit hours earned at the institution awarding the degree

Admission Requirements for a Bachelor of Arts in Secondary Education

(Courses in parentheses are UC Clermont course equivalents)


- A minimum overall GPA of 2.75
- A minimum grade of “B” in CMST 101 (COMM 1071) and ENG 102 (ENGL 2089)
- A minimum grade of “C” in all other pre-admission courses and required EDU and EDS courses which include EDU 300 (PSYC 2005 and PSYC 2007), EDU 305 (EDST 1001), EDU 313 (CI 1001), and EDS 360 (SPED 1001).
- Praxis Core Academic Skills for Educators: Reading (5712) – 156 or higher, Writing (5722) – 162 or higher and Mathematics (5732) – 150 or higher
- Pass criminal background check
- 60 semester hours completed
- An acceptable portfolio
- A completed application to the Teacher Education program

Degree requirements for a Bachelor of Arts in Secondary Education:

Students majoring in Secondary Education must maintain a GPA of 2.75 overall in major courses in order to enroll in the clinical experience. Students must earn a minimum of 120 credit hours and at least 45 credit hours must be 300 level or above. Students must meet the pre-requisites for each course. At least 20 percent of the total required hours must be taken at NKU.

**UC CLERMONT COLLEGE AA IN PRE-SECONDARY EDUCATION – MATHEMATICS
TO NKU BS IN MATHEMATICS WITH SECONDARY EDUCATION CHECKLIST**

UC Clermont College

| Category I: Requirements for the AA in Pre-Secondary Education – Mathematics | | | | |
|---|--|----------------|---------------------------------|---|
| UC Clermont Course | Course or Category | Credits | NKU Course |  |
| CI 1001 | Educational Technology | 3 | EDU 313 | |
| CI 3003 | Teaching and Learning in Diverse Classrooms | 3 | EDU 316 | |
| COMM 1071 | Introduction to Effective Speaking | 3 | CMST 101 | |
| EDST 1001 | Introduction to Education | 3 | EDU 305 | |
| EDST 2003 | Pre-Adolescent through Adolescent Development | 3 | EDU 300 | |
| ENGL 1001 | English Composition | 3 | ENG 101 | |
| ENGL 2089 | Intermediate Composition | 3 | ENG 102 | |
| PSYC 1001 | Introduction to Psychology | 3 | PSY 100 | |
| SPED 1001 | Individuals with Exceptionalities | 3 | EDS 360 | |
| EDST 2081 | Cooperative Learning and Differentiation | 3 | Waive EDS 324 | |
| EDST 2099 | Critical Pedagogy in Education | 3 | Waive EDU 311 and EDU 104 | |
| EDST 1002 | Educational Psychology | 3 | PSY 300T | |
| EDST2010 | Classroom Management and Learning | 3 | Waive EDS 319 | |
| Natural Science Elective | Students may select a Natural Science elective course. | 3 | | |
| MATH1061 | Calculus I | 4 | MAT 129 | |
| MATH1062 | Calculus II | 4 | MAT 229 | |
| MATH2076 | Linear Algebra | 3 | MAT 234 | |
| MATH2063 | Multivariable Calculus | 4 | MAT 329 | |
| MATH2073 | Differential Equations | 3 | MAT 325 | |
| Total Associate Degree Hours | | 60 | | |

Northern Kentucky University

Students must complete the following courses for a B.A. in Secondary Education. In addition, students must complete the content courses for a B.S. in Mathematics.

| Category II: Requirements for the BA in Secondary Education | | | | |
|---|--|---------|-----------------------------|----------------------|
| NKU Course | Course | Credits | UC Clermont Course | Taken at UC Clermont |
| EDU 104* | Orientation: Education Profession/Program | 1 | Waived* | x |
| EDU 300 | Human Growth and Development | 3 | EDST 2003 | x |
| EDU 304 or EDU 530 | Reading and Writing Across the Curriculum: Middle Grades or Reading in Junior and Senior High School | 3 | | |
| EDU 305 | Introduction to Education | 2 | EDST 1001 | x |
| EDU 311* | Admission Field Experience Secondary | 2 | EDST 2099* | x |
| EDU 313 | Instructional Technology | 2 | CI 1001 | x |
| EDU 316 | Racism and Sexism in Educational Institutions | 3 | CI 3003 | x |
| EDU 319 | Classroom Climate Management Secondary | 1 | EDST 2010 (Substitution) | x |
| EDU 324 | Fundamentals of Secondary Education | 2 | | |
| EDU 325 | Educational Assessment Secondary | 2 | | |
| EDU 333 | Teaching Math in Secondary School | 3 | | |
| EDU 334 | Portfolio Development | 1 | | |
| EDU 393 | Secondary Field Experience I | 2 | | |
| EDU 396 | Secondary Field Experience II | 2 | | |
| EDU 496 | Clinical Experience Secondary | 12 | | |
| EDS 324 | Instructional Planning for Inclusive Secondary Classrooms | 3 | EDST 2081 (Substitution) | x |
| EDS 360 | Students with Exceptionalities in Schools | 3 | SPED 1001 | x |
| PSY 100 | Introduction to Psychology | 3 | PSYC 1001 | x |
| CMST 101 | Public Speaking | 3 | COMM 1071 | x |
| ENG 102 | Advanced College Writing | 3 | ENGL 2089 | x |
| Subtotal NKU Education Courses Credit Hours | | | 27 | |

*EDU 104 and EDU 311 are waived if student completes EDST 2099 and provides documentation of 50 hours of field experience in an education setting. If EDU 104 and EDU 311 are waived, student must complete EDU 334: Portfolio Development (1 credit).

| Category III: Requirements for the BS in Mathematics | | | | |
|---|---|------------|--------------------|----------------------|
| NKU Course | Course | Credits | UC Clermont Course | Taken at UC Clermont |
| MAT 129 | Calculus I | 4 | MATH 1061 | x |
| MAT 229 | Calculus II | 5 | MATH 1062 | x |
| MAT 329 | Calculus III | 4 | MATH 2063 | x |
| MAT 194 | Mathematical Sciences Seminar | 1 | | |
| MAT 234 | Linear Algebra | 3 | MATH 2076 | x |
| STA 250 | Probability and Statistics | 3 | STAT 2037 | |
| MAT 489 | Comprehensive Examination | 0 | | |
| CSC 270 or CSC 260 | Mathematics Software Programming or Object-Oriented Programming | 3 | | |
| MAT 302 | Introduction to Higher Mathematics | 3 | MATH 3001 | |
| MAT 345 | Introduction to Geometry | 3 | | |
| MAT 310 or MAT 410 | Elementary Theory of Numbers or Abstract Algebra | 3 | | |
| STA 341 | Statistics II | 3 | | |
| Select one of the following sets of courses and 3 additional MAT/STA credit hours at the 300-level or above. If one of these courses duplicates a course taken listed above, then an additional MAT/STA course at the 300/400 level is required. | | | | |
| MAT 310 and MAT 410 | Elementary Theory of Numbers Abstract Algebra | 9 | | |
| MAT 325 and MAT 375 | Differential Equations Applied Mathematical Models | | MATH 2073 | x (3 cr) |
| STA 340 and STA 341 | Probability II Statistics II | | | |
| | Two 400-level MAT/STA courses, excluding MAT 490/STA 490 and MAT 491/STA 491 | | | |
| Teaching Discipline Major Credit Hours | | 25 | | |
| Electives | | 8 | | |
| Total Baccalaureate Degree Credit Hours | | 120 | | |

Updated November 2018