

This guide lists the CCAC courses in the right column that fulfill the Clarion University requirements in the left column. To transfer courses, you will need a grade of "C" or higher. The education degree requires a minimum of 120 credit hours and a 3.0 QPA for degree completion.

### CLARION REQUIREMENTS

#### General Education Requirements (48 credits)

See General Education Transfer Guide for requirements.  
(Math courses are excluded from General Education)

#### Required Proficiencies (applied to General Education)

CPSC 201	Survey of Computational Science Tools
ED 122	Educational Psychology
ED 225	Multicultural Education
ED 350	Teaching English Language Learners
PH 258	Intro to Physics I
CMST 113	Public Speaking Literature/Language

#### Major Requirements (minimum grade of "C" in all courses)

##### Secondary Education Core:

ED 110	Introduction to Education
ED 327	Instructional Strategies & Management
ED 329	Educational Evaluation
ED 339	Teaching & Evaluating Mathematics
SPED 418	Exceptionalities in Regular Classroom
SPED 441	Teaching Students w/Disabilities in Sec
SPED 442	Diff Inst in Inclusive Setting
ED 424	Student Teaching
ED 425	Student Teaching

##### Mathematics Specialization:

MATH 270	Calculus I
MATH 271	Calculus II
MATH 272	Calculus III
MATH 300	Intro to Advanced Math
MATH 321	Interm Applied Statistics I
MATH 340	Discrete Structures
MATH 357	Modern Geometry
MATH 370	Linear Algebra
MATH 390	Junior Seminar in Mathematics
MATH 451	Modern Algebra I
MATH 490	Seminar
MATH Elective	(300 level or above) MATH 350

### CCAC EQUIVALENT COURSES

No CCAC equivalent  
CFS 113 or PSY 201  
ETH 119  
No CCAC equivalent  
PHY 221  
SPH 104  
ENG 115, 120, 200, 203-210

EDU 201  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent  
CFS 202  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent

MAT 201  
MAT 202  
MAT 250  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent  
MAT 253  
No CCAC equivalent  
No CCAC equivalent  
No CCAC equivalent  
MAT 252

continued...

## CLARION REQUIREMENTS

### **Complete Strand A or Strand B (6 credits)**

#### A. Junior High Strand:

MATH 111      Math Concepts K-8  
MATH 221      Elementary Applied Statistics

#### B. Senior High Strand: (MATH 221, 285, 301 or above)

MATH 221  
MATH Elective

### **Residency Requirement**

A minimum of 30 of the last 45 credits must be taken through Clarion University with at least 50 percent of major credits taken through Clarion.

## CCAC EQUIVALENT COURSES

MAT 107  
MAT 161 or 165

MAT 161 or 165  
No CCAC equivalent

Contact the College of Education and Human Services at 814-393-2146 with additional questions or for a copy of current selection and retention standards. A 2.8 QPA must be earned and PRAXIS I must be passed for program admission.