

Secondary Education, Mathematics

Butler County Community College to Clarion University of Pennsylvania

Transfer GUIDE

This guide lists the BC3 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 quality-point average 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
ED 122 Educational Psychology
ED 225 Multicultural Education
ED 350 Teaching English Language Learners
PH 258 Intro to Physics I
CMST 113 Fund of Speech
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 Introduction to Advanced Math
MATH 321 Intermediate Applied Statistics I
MATH 340 Discrete Structures
MATH 357 Modern Geometry
MATH 370 Linear Algebra
MATH 451 Modern Algebra I
MATH 490 Seminar
MATH elective (300 level or above) MATH 350

BC3 EQUIVALENT COURSES

CHEM 112 and PHSC 112 do not count
toward graduation for math majors.

No BC3 equivalent
PSYC 202
No BC3 equivalent
No BC3 equivalent
PHYS 221
COMM 201
ENGL 180, 201, 204, 206, 207, 209, 210

EDUC 110
No BC3 equivalent
No BC3 equivalent
No BC3 equivalent
EDUC 232
No BC3 equivalent
No BC3 equivalent
No BC3 equivalent
No BC3 equivalent

MATH 221
MATH 222
MATH 223
No BC3 equivalent
No BC3 equivalent
No BC3 equivalent
No BC3 equivalent
MATH 230
No BC3 equivalent
No BC3 equivalent
MATH 224

continued...

EFFECTIVE FALL 2009



CLARION REQUIREMENTS

Choose 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

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.

BC3 EQUIVALENT COURSES

MATH 182
MATH 107

MATH 107
No BC3 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 GPA must be earned and PRAXIS I must be passed for program admission.