Master of Science in Professional Applied and Computational Mathematics

SUNY Buffalo State
Zhengzhou University of Light Industry

3+2 Program

This document describes the requirements for admission for students at Zhengzhou University of Light Industry (ZZULI) to the SUNY Buffalo State – ZZULI 3+2 program for the Master of Science (M.S.) program in Professional Applied and Computational Mathematics (PACM). The requirements described here are specific to the M.S. – PACM program, and are in addition to general requirements for the 3+2 program.

For admission to the Buffalo State – ZZULI 3+2 M.S. – PACM program, students must have completed or demonstrated the following:

1. Courses in
   - Single and Multivariable Calculus
   - Differential Equations
   - Linear Algebra
   - Discrete Mathematics
   - Calculus based Probability
   - Calculus based Statistics

2. Knowledge of a standard programming language such as C++, Java, Fortran, Maple or Mathematica.

3. Students must be enrolled in a Bachelor’s degree program at ZZULI.

The requirements for admission listed here are for ZZULI students in the 3+2 program only.