

**THE DEPARTMENT OF CHEMISTRY AND PHYSICS
WILLIAM PATERSON UNIVERSITY
AND
THE DEPARTMENT OF BIOLOGY AND CHEMISTRY
COUNTY COLLEGE OF MORRIS**

County College of Morris

William Paterson University

Major Courses and Directed Electives

CHM 125/126
 General Chemistry I
CHM 127/128
 General Chemistry II
CHM 231/232
 Organic Chemistry I
CHM 233/234
 Organic Chemistry II
CHM 219
 Quantitative Chemical Analysis

CHEM 160/060
 General Chemistry I
CHEM 161/061
 General Chemistry II
CHEM 251/051
 Organic Chemistry I
CHEM 252/052
 Organic Chemistry II
CHEM 211
 Intro. Instrumental Methods

MATH 131 Analytical Geometry &
 Calculus I

MATH 160 Calculus I

MATH 132 Analytical Geometry &
 Calculus II

MATH 161 Calculus II

PHY 125/126 General Physics I

*PHYS 255 College Physics I

PHY 127/128 General Physics II

*PHYS 256 College Physics II

*#CCM PHY 125/126 & 127/128 is Equivalent to WPU PHYS255/256 however WPU will substitute for
PHYS260/261*

Additional Conditions:

Directed electives from CCM (Physics & Math) will transfer as directed electives up to 16 credits; Chemistry courses will transfer as major courses up to 20 credits.

All other courses taken beyond the 16 credits directed electives, including Mathematics and Physics, will be credited toward electives.

Students transferring to Chemistry BS program at WPU are expected to complete (at WPU) the following courses in the major:

*Major Courses: Four or more advanced level Chemistry courses including:
 Biochemistry (CHEM 427), Senior Research (CHEM 482), Analytical Instrumentation
 (CHEM 401) and Advanced Chemistry Electives.*

General Education and electives to complete a total of 128 credits required for graduation.