Analytics Emphasis

Degree: Bachelor of Integrated Studies
Major:
Emphasis: Analytics

Core Requirements

Mathematics (24 hours)
__ MATH-150 Calculus I (5 hours)
Note: Can be satisfied by PittState Pathway course.
__ MATH-155 Calculus II (5 hours)
__ MATH-212 Matrix Algebra (2 hours)
__ MATH-253 Calculus III (3 hours)
__ MATH-543 Probability and Statistics (3 hours)
__ MATH-656 Mathematical Modeling (3 hours)
__ MATH-658 Financial Mathematics (3 hours)

Computer Science (9 hours)
__ CIS-230 Introduction to Programming (3 hours)
Note: Can be satisfied by PittState Pathway course.
__ CIS-240 Intermediate Programming (3 hours)
__ CIS-615 Database Management (3 hours)

Business and Marketing (21 hours)
__ ACCTG-201 Financial Accounting (3 hours)
__ ACCTG-202 Managerial Accounting (3 hours)
__ ECON-200 Principles of Microeconomics (3 hours)
Note: Can be satisfied by PittState Pathway course.
__ MGT-310 Business Statistics (3 hours)
__ MKTG-330 Principles of Marketing (3 hours)
__ MKTG-510 Consumer Behavior (3 hours)
__ MKTG-520 Marketing Research (3 hours)

Others (6 hours)
__ COMM-207 Speech Communication (3 hours)
Note: Satisfied by PittState Pathway course.
__ PHIL-208 Logic (3 hours)
Note: May be satisfied by PittState Pathway course.
__ ENGL-301 Technical/Professional Writing (3 hours)

Electives - Recommended but not required
__ ECON-201 Principles of Macroeconomics (3 hours)
__ MATH-726 Introduction to Stochastic Processes (3 hours)