PAMT 1100 Quantitative Analysis (3)
This course delves into the processes used by mathematically-literate citizens and professionals in multiple industries to make optimal decisions in their lives and careers. Students will use technology (such as calculators, Microsoft Excel, Wolfram-Alpha, visual programming languages, and calculators) to create models, providing a rigorous way of simulating and analyzing our complex world. Topics may include probability, introductory statistics, expected value, linear and exponential regression, analysis of functions and their derivatives, and infinite series. Students will explore this content through participant-centered activities and performance-based analysis of real-world contexts based on their interests and careers. Knowledge of high-school algebra is suggested, though not required.

PAMT 1940 Math Transfer Credit (3)
PAMT 2910 Special Topics (0-3)
Special topics course as designed by visiting or permanent department faculty. For description, consult the department. Course may be repeated up to unlimited credit hours under separate title.

Maximum Hours: 99

PAMT 2940 Math Transfer Credit (3)