

# Engineering (PHEN)

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**PHEN 6304 Seminar & Research Integrity 3 SCH (3-0)**

Exposure to ethics topics in the engineering profession and in scientific research. Methods for review of the scientific literature, and its use in developing a novel research objective and plan. Pre-requisite: admission to the PhD in Engineering program.

**PHEN 6313 Adv Eng Math 3 SCH (3-0)**

Foundation of calculus, Stochastic processes, Fundamentals of Mathematical Analysis, Optimization principles. Prerequisites: 5000 level Math Course or instructor approval.