The Systems and Decision Sciences (SDS) discipline is concerned with system design, management, and decision analysis of tangible and abstract systems in accordance with performance requirements, budget, and schedules. The program combines elements of traditional engineering, systems engineering, finance, decision analysis, and organizational management courses. Cadets will learn the methods, processes, and tools (MPTs) needed to understand and conduct meaningful decision analysis in support of complex systems. This major will produce graduates with technical, high-level business and management skills, and engineering depth to prepare them for future academic and professional opportunities in a society increasingly dominated by technological change.

Flexible Major Offering a Multitude of Course Electives
Choose 1 of 9 Elective Tracks

- Management Science
- Project Management
- Defense Systems
- Personnel Management
- Mathematical Modeling
- International Affairs
- Financial Systems
- Cyber Security
- Logistics Management

Science Depth (Choose 1)
Physics II, Chemistry II or Biology I

Mathematics Depth (Choose 1)
Engineering Statistics or Math Elective

http://www.usma.edu/se
We are the Army’s Systems Engineering Department educating cadets and developing faculty to lead teams that develop and implement high value solutions to challenging problems in a dynamic, uncertain, and technologically complex world.