Operations refers to the design, operation, and improvement of the systems that create and deliver a firm’s primary products and services. It integrates all aspects of the product and service lifecycle, from product and process design, procurement, planning, and production, to logistics, distribution, and returns. From start to finish, this execution process makes a direct, significant impact on a firm’s competitive advantages and financial performance.

Courses in the operations area equip students with a solid understanding of core operations concepts and decisions, rigorous analytical thinking and skills, and a creative mindset so they can deal with all of the complex issues of a supply chain. Moreover, courses incorporate new elements such as sustainability, risk management, and innovation, making them especially relevant to today’s increasingly interdependent and competitive global economy.

For students interested in specific business settings, the area also provides courses that explain the operations function in those industries, such as Operations in Health Care.

How courses are counted

Students must note the following policy for how courses are counted. A student may count a maximum of one class in fulfilling more than one purpose—that is, toward any combination of major, minor, and primary or secondary concentration. For example, only one economics class could count toward both a finance major and an economics minor; any additional economics class would count toward the finance major OR the economics minor, but not both. Similarly, one management class could count toward both a primary concentration in management and a minor in sustainable business, but any subsequent management class would not count toward both. Any exceptions to these rules will be posted within the specific area major, minor, or concentration requirements.

Programs

Concentrations

- Concentration in Management
- Concentration in Process and Quality Analytics