BUSINESS WITH SCIENCE APPLICATIONS (BSCI)

BSCI 2200 Introduction to Science Management. (Formerly 200) The course provides an overview of science management functional areas in the context of technology based industries. The course introduces students to the functional requirements and expectations of contemporary business and technology practices. Also included is an overview of science management and industry; scientific research (discover knowledge vs. business research (produce value); introduction to finance in scientific companies (discovering valuable solutions and protecting that value in the competitive marketplace); exploring the role of the general business manager with other technology related managers. 3 semester credit hour/s. Department Consent Required.
Campus: LISLE (Typically Offered: Annually)

BSCI 2210 Science Management: Legal Aspects. (Formerly 210) Introduces students to several different applications of legal and regulatory requirements in technology based industries, including introduction to intellectual property, patents, corporate intellectual property strategy, and negotiation approaches to corporate intellectual property strategy. 3 semester credit hour/s. Department Consent Required.
Campus: LISLE (Typically Offered: Annually)

BSCI 2220 Science Management: Innovation and Product Development. (Formerly 220) Through team structure, introduces students on how to apply an interdisciplinary approach to product development. Students will explore the product development process as it applies to research and innovation. Major topics include how to identify product opportunities, assess value and select alternative projects. The overall economics of product development are introduced to gain an understanding of broader business aspects. Students will develop an understanding of the concepts and general tools used to plan and manage product development programs. 3 semester credit hour/s. Department Consent Required.
Campus: LISLE (Typically Offered: Annually)

BSCI 2230 Science Management: Ethical and Quality Systems. (Formerly 230) Ethical and Quality Systems provides an introduction to fundamental ethical theories and quality systems in high technology organizations, from both the personal and organizational perspectives. Included is a study of moral and value perspectives as the basis for ethical decision making. Lecture topics include detailed examination of leading ethical paradigms, discussion of effective character attributes, and introduction of primary quality management tools such as Total Quality Management and Lean Six Sigma. Working individually, students will complete a written project analysis, presenting a recommended solution on a company of their choice that faces an ethical and system quality dilemma. 3 semester credit hour/s. Department Consent Required.

Campus: LISLE (Typically Offered: Annually)

BSCI 2297 Internship. (Formerly 297) Provides an internship within a regional business organization to apply and develop program concepts and skills. 3-6 semester credit hour/s. Department Consent Required.
Designation: Engaged Learning
Campus: LISLE (Typically Offered: Fall, Spring, and Summer Terms)