

INFORMATION TECHNOLOGY ETHICS AND COMPLIANCE, B.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: University Park

Program Description

As technology increasingly mediates human endeavors, many of the most urgent problems we face are, in large part, complex technological problems. In order to tackle these complex problems and maximize the positive societal impacts technology could have, we need a diverse, socially conscious workforce and citizenry to oversee and guide the design, development, and implementation of technology towards fair, just, and ethical outcomes. The field of information requires people with analytical and complex decision-making skills, including technical skills and strong communication and critical thinking skills. Equally important are people well-versed in the ways that history, politics, culture, and context shape interactions among people, information, and technology.

What is Information Technology Ethics and Compliance?

The Bachelor of Science in Information Technology Ethics and Compliance explores the impact of technology across society and culture. By understanding how history, politics, culture, and context shape our interactions, graduates will guide the development of information technology solutions that improve the way people live, work, and communicate. Emphasizing teamwork, critical thinking, and problem solving, students will explore and evaluate current and emerging technologies through topics such as socially responsible information management, the legal and regulatory environment of privacy and security, ethical data sciences, and societal implications of technology design. and societal implications of technology design.

You Might Like This Program If...

- You have an interest in how technology has shaped society and public policy.
- You are interested in the social context of developments in artificial intelligence, data science, privacy, security, and usability.
- You are interested in how personal information is used, safeguarded and shared.
- You are interested in how new technologies are created, adapted and refined.
- Optionally, this major can pair with a technically-focused major, to provide social and ethical context for modern technologies. This major also can pair with a humanities-focused major, to provide technical context to the liberal arts.