

Information Security and Privacy (ISP)

ISP 380 Introduction to Information Security and Privacy 3 Hours
Explore foundational concepts of information security and privacy, including information value, classifications, threats, liabilities and risk management, identity and access controls (IAM), trust frameworks, technology for network, web, software and cloud security; and privacy laws and regulations.

ISP 381 Information and Privacy in Society 3 Hours
Examine how information is socially and culturally variable and fluid, changing throughout history and differing from place to place. Explore the anthropological study of information; societal norms; and individual, device, communal, and organizational information strategies.

ISP 382D Data Governance for Information Security and Privacy 3 Hours
Examine theory and practical applications of data and artificial intelligence governance related to information security, privacy, compliance, and ethics. Explore optimization of technical and human dimensions for information risk management. Explore pervasive and emerging risks, risk assessments of data architectures and analytics, and regulations, controls, and governance to protect and safeguard information assets.

ISP 382P Public Policy and Law Governing Information Security and Privacy 3 Hours
Examine established and emerging laws and public policy related to information security and privacy. Examine different classes of protected information and case studies documenting compliance and violation of legal and public policy protections. Explore legal requirements, corporate responsibilities and social responsibilities as they pertain to data protection and the prevention of different types of fraud and information crimes.

ISP 383 Business Governance and Controls for Information Security and Privacy 3 Hours
Explore an organizational perspective on the management and governance of information. Examine business practices and governance mechanisms for minimizing risks and maximizing returns of information.

ISP 384 Strategic Communication for Information Security and Privacy 3 Hours
Explore framing messages and the impact on people, organizations, risks and privacy; effective crisis management communications; communication and business continuity planning; time management; sense making processes in organizational crisis; and reputation management.

ISP 385 Information Risk and Benefit Analysis 3 Hours
Explore and evaluate the risks and benefits related to information in multiple sectors including financial services, healthcare, consumer services, government, education, and energy.

ISP 385T Topics in Information Security and Privacy 3 Hours
Study the characteristics of information and the technologies, stakeholders, and questions involved in managing, protecting, and securing information.

ISP 386 Information Security 3 Hours
Explore the enrollment and authentication for cyber and physical access and transactions, cryptography, biometrics, device identity security, and security culture.

ISP 387 Information Management and Repositories 3 Hours
Explore knowledge and data management, storage, and mining. Examine information representation and algorithms. Discuss information security and privacy applications in all market sectors for enrollment, authentication, operational use, fraud detection, and fraud prevention.

ISP 388L Professional Experience and Project 3 Hours
Study practical problems, current phenomenon, or professional issues in an institutional setting.

ISP 189, 289, 389 Individual Studies 1-3 Hours
In-depth study of a problem or subject related to information security and privacy.

ISP 398R Master's Report 3 Hours
Preparation of a report to fulfill the requirement for the master's degree under the report option.