INFORMATION SCIENCES AND TECHNOLOGY FOR INDUSTRIAL ENGINEERING, MINOR

Requirements for a minor may be completed at any campus location offering the specified courses for the minor. Students may not change from a campus that offers their major to a campus that does not offer their major for the purpose of completing a minor.

Program Requirements

Requirement	Credits
Requirements for the Minor	21

Requirements for the Minor

A grade of C or better is required for all courses in the minor, as specified by Senate Policy 59-10 (https://senate.psu.edu/policies-and-rules-for-undergraduate-students/59-00-minors-and-certificates/#59-10). In addition, at least six credits of the minor must be unique from the prescribed courses required by a student's major(s).

Code	Title	Credits
Prescribed Courses		
Prescribed Courses: Require a grade of C or better		
IE 330	Engineering Analytics	3
IST 110	Information, People and Technology	3
IST 210	Organization of Data	3
IST 220	Networking and Telecommunications	3
Additional Courses		
Additional Courses: Require a grade of C or better		
Select 6 credits from the following:		6
IE 408	Cognitive Work Design	
IE 418	Human/Computer Interface Design	
IE 433	Regression Analysis and Design of Experiments	
Select 3 credits from the following:		3
IST 402	Emerging Issues and Technologies	
IST 431	The Information Environment	
IST 442	Information Technology in an International Context	
IST 454	Computer and Cyber Forensics	
MATH 451	Numerical Computations	
MATH 455	Introduction to Numerical Analysis I	