

ERP Courses offered for Fall 2013

Semester	Course	Section	Course No.	Instructor	Class Time	Classroom	Courses used in SAP Certificate	Courses used in ERP Graduate Certificate, IST or BUS emphasis area, and ERP minor	Courses used in Business Intelligence Graduate Certificate
Summer	ERP 349	- 1A - 1DIS	71096 ERP System Administration 71097 Prerequisites: ERP346		TR	7 pm - 9:30 pm Fulton 107A	Yes	Yes	No
Fall	EPR 246	- 1A	ERP Systems Design & Impl. 71649 Prerequisites: IST 50	Claybaugh	MWF	10:00 - 10:50 IDE105	Yes	Yes (undergraduate emphasis and minor only)	No
	EPR 301	- 1A - 1DIS	72998 ERP for Small, Medium Size Enterprise 73001 Prerequisites: ERP 346 or (BUS120 AND ERP246)	Chiu	MWF	11:00 - 11:50 Fulton 107A	Yes	Yes	No
	EPR 345	- 1A - 1DIS	72996 Business Intelligence Prerequisites: ERP 246 or currently with ERP346 or 72999 by instructor's consent.	Yu	T Th	11-12:15 Fulton 107A	Yes	Yes	Yes
	EPR 346	- 1A - 1DIS	71475 ERP Systems Design & Impl. 71476 Prerequisites: IST 50	Claybaugh	MWF	1:00 - 1:50 Fulton 107A	Yes	Yes	Yes
	ERP 347	- 1A - 1DIS	72446 Supply Chain Management Systems 72447 Prerequisites: ERP 246 or currently with ERP346	Lea	W	4:00 - 6:30 Fulton 107A	Yes	Yes	No
	ERP 448	- 1A - 1DIS	72997 Enterprise Performance Management 73000 System Prototyping Prerequisites: ERP 346 AND (ERP444 or IST444)	Lea	M	4:00-6:30 Fulton 107A	Yes	Yes	Yes
	IST 443	- 1A - 1DIS	73003 Information Retrieval & Analysis 73004 Prerequisites: ERP 345 or statistics knowledge	Yu	T Th	2:00 - 3:15 Fulton 107A	No	No	Yes

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ERP Classes Offered Summer 2013

ERP 349 ERP System Administration

Prerequisite: ERP 346

System administration and performance monitoring practices for an Enterprise Resource Planning (ERP) system will be studied. Students will install an instance of an ERP system and establish user management attributes and system security.

ERP Classes Offered Fall 2013

ERP 246: Introduction to Enterprise Resource Planning

Prerequisite: IST 50

Fundamentals of enterprise resource planning (ERP) systems concepts, and the importance of integrated information systems in an organization. The focus of this course is on illustrating procurement, production, and sales business processes using ERP software. Use of SAP's ERP Business Suite as an example ERP system.

ERP 301: Enterprise Resource Planning in Small and Mid-size Enterprises

Prerequisite: (BUS 120 AND ERP 246) or ERP 346

The course provides an overview of enterprise applications for small and midsize companies. SAP Business One is introduced to illustrate the enterprise-wide application for entrepreneurs, which manage business functions across sales, operation, and financials, all in a single integrated system.

ERP 345: Use of Business Intelligence

Prerequisites: (IST 223 or equivalent) and (ERP 246 or preceded or accompanied by ERP 346)

This course introduces data-oriented techniques for business intelligence. Topics include Business Intelligence architecture, Business Analytics, and Enterprise Reporting. SAP Business Information Warehouse, BusinessObjects, or similar tools will be used to access and present data, generate reports, and perform analysis.

ERP 346: Enterprise Resource Planning Systems Design and Implementation

Prerequisites: IST 50

This course provides a technical overview of Enterprise Resource Planning Systems and their impact on organizations. SAP's ERP system is introduced to illustrate the concepts, fundamentals, framework, general information technology context, the technological infrastructure, and integration of business enterprise-wide applications.

ERP 347: Supply Chain Management Systems

Prerequisite: ERP 246 or preceded or accompanied by ERP 346

The course studies the need for supply chain integration and the challenges of managing complex interfaces using the systems approach for the planning, analysis, design, development, and evaluation of supply chain. SAP's ERP ECC, SCM, BW, and Sybase Unwired Platform are used to deploy SCM apps.

ERP 448: Enterprise Performance Dashboard Prototyping

Prerequisite: ERP 346 and (ERP 444 or IST 444)

This course will study implementation and design practices for enterprise performance management and monitoring systems with a focus on dashboards, balanced scorecard, and value based management. SAP's Strategic Enterprise Management (SEM), Business Object Xcelsius, or similar tools will be used for project implementation.