

UNDERGRADUATE CERTIFICATE IN

ENTERPRISE RESOURCE PLANNING

WHY STUDY ENTERPRISE RESOURCE PLANNING?

Enterprise resource planning (ERP) systems are critical information systems that connect a company's operations, including purchasing, production, sales, service, accounting, supply chain, finance and asset management, and customer/supplier relationships.

There has been a rapid increase in the number of organizations looking for professionals with Enterprise Resource Planning skills. In the Lubar School's ERP Certificate program, you'll not only develop knowledge in ERP, but you'll also develop mobile ERP applications and participation in an ERP simulation game to make your learning more "real." You'll also get hands-on experience with UWM's SAP HANA appliance.

Because the Lubar School is home to one of only five SAP University Competence Centers in the world, Lubar faculty have extensive ERP teaching experience.

Through the coursework, you'll be prepared for the SAP TERP 10 certification exam.

CERTIFICATE OUTLINE

Some grade requirements, admission to major requirements and course restrictions may apply.

Non-business students may have additional requirements. Be sure to see a Lubar academic advisor for more information.

Required courses: 3 credits

BUS ADM 336 Enterprise Systems and Data Analytics

Students choose at least four courses from the following: 12 credits

BUS ADM 536 Business Intelligence

BUS ADM 537 Enterprise Systems Concepts and Issues

BUS ADM 538 Business Process Integration

BUS ADM 539 Web Application Server Development

BUS ADM 540 TERP 10 Certification

TOTAL: 15 CREDITS

QUESTIONS? PLEASE CONTACT

Undergraduate Student Services • Lubar Hall, N297

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COURSE DESCRIPTIONS

BUS ADM 336 Enterprise Systems and Data Analytics 3 cr.

Introduction to business processes and ERP, utilizing ERP to run business simulation game and analysis of results utilizing business analytics. *Prereq: sophomore standing; Bus Adm 230 or 231 (grade "C" or better).*

BUS ADM 536 Business Intelligence. 3 cr.

Introduction to business intelligence, with a focus on data warehousing and data mining. This course uses SAP Business Information Warehouse software. *Prereq: junior standing; admission to major; Bus Adm 335 or 336 (grade "C" or better).*

BUS ADM 537 Enterprise Systems Concepts and Issues. 3 cr.

Advanced concepts in ERP and integrated nature of business processes, all the major components of SAP R/3 and NetWeaver tools. *Prereq: junior standing; admission to major; Bus Adm 335 or 336 (grade "C" or better).*

BUS ADM 538 Business Process Integration. 3 cr.

Business process integration configuration of a hypothetical company using SAP R/3. Create organizational structure, master data and business rules for buying and selling products and tracking processes. *Prereq: junior standing; admission to major; Bus Adm 537.*

BUS ADM 539 Web Application Server Development. 3 cr.

ERP Web Application Servers; Web Dynpro for Java to develop Web Applications, Web services and portal content which exposes data from SAP Business Suite. *Prereq: junior standing; admission to major; Bus Adm 335 (with grade of "C" or better).*

BUS ADM 540 TERP 10 Certification. 3 cr. U.

This course is designed to prepare students for taking the TERP10 Certification Exam - the global baseline certification standard for SAP University Alliances Program. *Prereq: jr st & admis to Bus Adm major; Bus Adm 536(P), 537(P), and 538(P).*