

## Program Matrix

### Doctorate of Business Administration in Information Systems and Enterprise Resource Management

The Doctorate of Business Administration in Information Systems and Enterprise Resource Management (DBA-ISERM) program is designed to help students perform applied research and transform mature learners into leaders. While focusing on advanced decision-making skills and techniques, doctorate candidates hone the research and writing skills that are required for the high-level of responsibility in academic and business environments.

### Program Competencies and Learning Objectives

Upon successful completion of this program, students will be able to:

- Through written and oral communications demonstrate mastery of content knowledge in specialized fields for a higher level of understanding for decision making in complex organizational and information systems environments
- Identify and evaluate ethical practices in the information systems field and issue to enhance processes for optimum return on investments
- Demonstrate informational literacy and computational thinking for effective and efficient use of information technology
- Demonstrate effective leadership skills and entrepreneurial mindset for starting new ventures and growing innovative and collaborative economic development
- Apply research approaches to data collection, analysis, and synthesis for organizational effectiveness, change, and continuous improvement within the information technology field

### Curricular Requirements (60 Credits)

The Doctorate of Business Administration in Information Systems and Enterprise Resource Management degree requires completion of 60-semester credits of coursework, including 30 credits of Business Core courses, 15 credits of Information Systems and Enterprise Resource Management Specialization Elective courses, a Comprehensive Competency Assessment, and 15 credits of Research Project courses – **OR** – 15 credits of Dissertation courses.

#### 1. Business Core Courses: 30 Credits/10 Courses

- ECO 615 – Global Economy
- FIN 605 – Global Business Finance
- GRC 600 – Doctoral Academic Study and Writing
- GRC 605 – Business Research Methodology and Quantitative Statistics
- MGT 616 – Organizational Change and Development in Management System
- MGT 610 – Mastering Leadership: Theories and Concepts
- MGT 618 – International Business
- MGT 662 – Entrepreneurship and Small Business Management
- MKT 640 – E-Commerce Models and Applications
- MKT 645 – Marketing Research in Consumer Behavior

**2. Information Systems and Enterprise Resource Management Specialization Courses: 15 Credits/5 Courses**

- IST 630 – Information Technology in Organizations
- IST 635 – Managing IT Projects
- IST 638 – Knowledge Management: Concepts and Practices
- IST 639 – Enterprise Resource Planning and Management
- IST 655 – Effective Security Management

**3. Comprehensive Competency Assessment: 0 Credits/1 Course**

- Comprehensive Competency Assessment

**4. Research Project or Doctorate Dissertation Courses: 15 Credits/5 Courses**

**A. Research Project**

- DRP 801 – Introduction to Doctoral Research Project
- DRP 802 – Doctoral Research Project Literature Support
- DRP 803 – Doctoral Research Project Research Methodology
- DRP 804 – Doctoral Research Project Results and Findings
- DRP 805 – Doctoral Research Project Conclusions and Recommendations

**OR**

**B. Dissertation**

- GRC 641 – Chapter 1 Dissertation Introduction
- GRC 642 – Chapter 2 Dissertation Literature Review
- GRC 643 – Chapter 3 Dissertation Methodology
- GRC 644 – Chapter 4 Dissertation Results and Findings
- GRC 645 – Chapter 5 Dissertation Conclusions and Recommendations/Dissertation Presentation and Oral Defense