

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW/CHANGE PROGRAM REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ Banner _____ Catalog _____
	<b>Department</b> ITOM  <b>College</b> Business		
<b>Program Name</b> PhD Program - Traditional		<input type="checkbox"/> <b>New Program*</b>  <input checked="" type="checkbox"/> <b>Change Program*</b>	<b>Effective Date</b> (TERM & YEAR)  Fall 2024
<p><b>Please explain the requested change(s) and offer rationale below or on an attachment.</b></p> <p>Add three courses (ECO6930 [Special Topics - Panel Data], ISM6136 [Data Mining &amp; Predictive Analytics], and ISM6508 [Web-Based Business Development]) in the elective course list of the ITOM flight plan.</p> <p>A comprehensive review of the curriculum indicates that the addition of ECO6930 (which focuses on the econometric methodologies of panel data) is needed in order to strengthen data analytic skills of the ITOM PhD students. ISM6136 is also needed to prepare the ITOM PhD students for the business analytics research development. ISM6508 is needed to teach the ITOM PhD students on how big data and business analytics change corporates' IT strategies and end-users' online behaviors, one of important research domains of information systems.</p>			
<p><small>*All new programs and changes to existing programs must be accompanied by a catalog entry showing the new or proposed changes.</small></p>			
<b>Faculty Contact/Email/Phone</b> Chul Woo Yoo / yooc@fau.edu / 591-297-2532		<b>Consult and list departments that may be affected by the change(s) and attach documentation</b>	
<b>Approved by</b> Department Chair _____ College Curriculum Chair <i>Robert Pinsker</i> College Dean <i>Ken Johnson</i> UGPC Chair <i>Paul R. Telmer</i> UGC Chair <i>Paul R. Telmer</i> Graduate College Dean <i>Robert W. Johnson</i> UFS President _____ Provost _____		<b>Date</b> <i>01/28/2024</i> _____ 02/01/2024 _____ 02/01/2024 _____ Feb 26, 2024 _____ Feb 26, 2024 _____ Feb 26, 2024 _____	

Email this form and attachments to [UGPC@fau.edu](mailto:UGPC@fau.edu) 10 days before the UGPC meeting.

## ITOM PhD Course Catalog

<b>Information Technology and Operations Management Concentration in the Ph.D. Program in Business Administration</b>		
<b>Foundation and Statistics Courses - 18 credits</b>		
Seminar in University Business Education	BTE 7175	3
Big Data Research Methods	ISM 7888	3
Scientific Method in Business	MAN 7640	3
Research Methods 1	QMB 7565	3
<b>Select 3 credits from the following list</b>		
Research Methods 2	QMB 7566	3
Measurement Design and Evaluation	QMB 7567	3
<b>Select 3 credits from the following list</b>		
Topics in Econometrics	ECO 6424	3
Advanced Econometrics	ECO 6426	3
Experimental Design 2	PSY 6207	3
Advanced Statistics	STA 7114	3
<b>ITOM Core Courses - 12 credits</b>		
Business Transformation in Information Systems and Operations Management	ISM 7345	3
Seminar in Information Systems	ISM 7935	3
Seminar in Operations and Supply Chain Management	MAN 7768	3
Business Impact of Artificial Intelligence and Emerging Technologies	MAN 7926	3
<b>Elective Courses - 15 credits</b>		
<b>Select a total of 15 credits from the following list</b>		
Seminar in Accounting Information Systems	ACG 7415	3
Advanced Microeconomics	ECO 6115	3
Advanced Mathematical Economics	ECO 6403	3
Introduction to Qualitative Inquiry	EDA 6415	3
Seminar in Current Financial Research	FIN 7935	3
Management of Information Assurance and Security	ISM 6328	3
Introduction to Business Analytics and Big Data	ISM 6404	3
Advanced Business Analytics	ISM 6405	3
Operations Management	MAN 6501	3
Business Process Improvement Management	MAN 6525	3
Internal Shipping Trade Port Management	MAN 6565	3
Supply Chain Management	MAN 6596	3
Organizational Theory	MAN 7207	3
Organizational Behavior	MAN 7275	3
Strategic Management Seminar	MAN 7729	3
Supply Chain Analytics	QMB 6616	3
<b>Special Topics - Panel Data (New addition)</b>	<b>ECO 6930</b>	<b>3</b>

Data Mining & Predictive Analytics (New addition)	ISM 6136	3
Web-Based Business Development (New addition)	ISM 6508	3
<b>Dissertation - 36 credits (minimum)</b>		
Advanced Research in Information Technology (may be taken multiple times)	ISM7978	18
Doctoral Dissertation Research (may be taken multiple times)	ISM7980	18-24