

# Doctorate Degree in Business Administration with specialization in Management of Information Systems

The doctoral program in Management Information Systems is designed to provide a theoretical basis used to improve the knowledge of management information systems. This specialization allows students to concentrate on the meaning of information systems in various management scenarios. The program encourages theoretical and applied research, which results in the improvement of services in computers and information systems company. The program is designed to prepare students for careers in performance management, teaching and research, involving the design, analysis, implementation and operation of computerized information systems associated with economic and organizational issues.

<b>Core Course</b>			
<b>Code</b>	<b>Course name</b>	<b>Credits</b>	<b>Prerequisites</b>
ECON 760	Economic Analysis	3	STAT 555 or equivalent
MANA 750	Advanced Statistical Methods	3	STAT 555 or equivalent
MANA 754	Business Research Methods	3	
MANA 762	Management Science	3	
INBU 764	International Business Management	3	
MAIS 835	IT Policy & Strategy	3	
		<b>18</b>	
<b>Specialization Required*</b>			
<b>Code</b>	<b>Course name</b>	<b>Credits</b>	<b>Prerequisites</b>
MAIS 810	Information Systems Modeling	3	
MAIS 815	Telecommunications Management	3	
MAIS 820	Decision Support Systems	3	
MAIS 825	Information Security Management	3	
MAIS 830	Web-Based Information Architectures	3	MAIS 825
		<b>15</b>	
<b>Specialization Elective Courses (Choose three courses)</b>			
MAIS 827	Data Warehousing Management	3	
MAIS 832	Knowledge Management	3	
MAIS 842	Web Services	3	MAIS 830
MAIS 847	Special Topics in Information Security	3	
MAIS 852	Multimedia Systems	3	MAIS 830
MAIS 857	Special Topics in Computer Information Sys.	3	
MAIS 858	Data Mining	3	
MAIS 859	Service Oriented Architecture	3	
		<b>9</b>	
<b>Research Courses</b>			
RESM 850 *	Seminar in Information Systems I *	3	Advisor approval
RESM 860 *	Seminar in Information Systems II *	3	Advisor approval
RESM 866	Dissertation I	6	TEST 800-A Comp Test
RESM 867**	Continuation Dissertation I **	3	RESM 866
RESM 868	Dissertation II	6	RESM 866
RESM 869**	Continuation Dissertation II **	3	RESM 868
		<b>18</b>	
<b>TOTAL CREDITS</b>		<b>60</b>	

Revised 2015

\*Enrollment in the elective courses and research seminars require advisor approval.

\*\*Dissertation courses are one semester courses (16 weeks)

\*\*\* RESM 867 and RESM 869 are optional courses for those students requiring more time for the dissertation.

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## CURRICULAR SEQUENCE

First Year							
First Semester				Second Semester			
Course	Crs	Pre-Requisite	Apvd	Course	Crs	Pre-Requisite	Apvd
MANA 762	3			MAIS 825	3		
<b>2nd PT</b>				<b>2nd PT</b>			
MANA 754	3			MANA 750	3	STAT 555 or equivalent	
<b>Verano</b>				<b>Total para el año de 15 créditos</b>			
Course	Crs	Pre-Requisite	Apvd				
MAIS 810	3	STAT 555 or equivalent					

Second Year							
First Semester				Second Semester			
Course	Crs	Pre-Requisite	Apvd	Course	Crs	Pre-Requisite	Apvd
RESM 850*	3	Advisor approval		ECON 760	3	STAT 555 or equivalent	
<b>2nd PT</b>				<b>2nd PT</b>			
MAIS 815	3			MAIS 820	3		
<b>Verano</b>				<b>Total para el año de 15 créditos</b>			
Course	Crs	Pre-Requisite	Apvd				
INBU 764	3						

Third Year							
First Semester				Second Semester			
Course	Crs	Pre-Requisite	Apvd	Course	Crs	Pre-Requisite	Apvd
RESM 860*	3	Advisor approval		MAIS 835	3		
<b>2nd PT</b>				<b>2nd PT</b>			
Electiva	3			Electiva	3		
<b>Verano</b>				<b>Total para el año de 15 créditos</b>			
Course	Crs	Pre-Requisite	Apvd				
MAIS 830	3	MAIS 825					

Fourth Year							
First Semester				Second Semester			
Course	Crs	Pre-Requisite	Apvd	Course	Crs	Pre-Requisite	Apvd
RESM 866**	6	Test 800-A Comprehensive Test		RESM 868**	6	RESM 866	
<b>Verano</b>				<b>Total para el año de 15 créditos</b>			
Course	Crs	Pre-Requisite	Apvd				
Electiva	3						

Revisado 2015

\*Para matricularse en los cursos electivos y de investigación, se requiere aprobación del asesor.

\*\*Cursos de disertación tienen duración de un semestre (16 semanas)

\*\*\* Los cursos RESM 867 y RESM 869 son cursos opcionales de 3 horas contacto cada uno, para aquel estudiante que requiera tiempo adicional para completar su disertación.