



**INDIAN RIVER STATE COLLEGE**  
**PROGRAM BS - I.T. Management & Cyber Security**  
**Meta Major: Science, Technology, Engineering, and Mathematics**  
**2016-2017 Guided Pathway**  
**S0130 Credit Hours 39\*\***

First Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	BUL3130	Legal and Social Aspects of Business	3	
<input type="checkbox"/>	GEB3213	Business Writing	3	
<input type="checkbox"/>	ISM3133	Systems Analysis and Design	3	COP2000, CGS1540
<input type="checkbox"/>				
	<b>Total Semester Credit Hours</b>		<b>9</b>	

Second Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ISM3212	Database Design and Administration	3	CGS1540
<input type="checkbox"/>	ISM3321	Security Essentials	3	CTS1650, CTS1334
<input type="checkbox"/>	ISM3011	Introduction to Management Information Systems	3	
<input type="checkbox"/>				
	<b>Total Semester Credit Hours</b>		<b>9</b>	

Summer Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>				
	<b>Total Semester Credit Hours</b>		<b>0</b>	

Third Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	MAN3303	Management Concepts	3	
<input type="checkbox"/>	ISM4220	Network Technologies for Information Professionals	3	CTS1334, CTS1650
<input type="checkbox"/>	ISM4320	Applications in Information Security	3	CTS1334, CTS1650, ISM3321
<input type="checkbox"/>				
	<b>Total Semester Credit Hours</b>		<b>9</b>	



**INDIAN RIVER STATE COLLEGE**  
**PROGRAM BS - I.T. Management & Cyber Security**  
**Meta Major: Science, Technology, Engineering, and Mathematics**  
**2016-2017 Guided Pathway**

Fourth Semester				
Check when complete	Course Number	Title	Credit Hours	Prerequisite
<input type="checkbox"/>	ISM4323	Information Security Policy Administration	3	CTS1334, CTS1650
<input type="checkbox"/>	CNT4406	Network Security and Cryptography	3	CTS1650, ISM3321, CTS1334
<input type="checkbox"/>	CTS4425	Web Application Development	3	COP1830, ISM3212, CGS1540
<input type="checkbox"/>	ISM4881	Capstone in Information Technology Management	3	Permission required
<input type="checkbox"/>				
	<b>Total Semester Credit Hours</b>		<b>12</b>	

\*\* Additional 21 credits of General Education or Technical Core required