

## Department of Information Technology and Management

### Bachelor of Information Technology & Management Curriculum (Co-Terminal with Master of Information Technology & Management)

Semester 1		Undergrad Credits	Grad Credits	Semester 2		Undergrad Credits	Grad Credits
ITM 301	Contemporary Op Sys / Hardware I	3	0	ITM 311	Introduction to Software Development	3	0
ITMD 421	Data Modeling and Applications	3	0	ITMO 440	Intro to Data Networks & the Internet	3	0
	Natural Science or Engineering Elective	4	0	MATH 230	Discrete Mathematics	3	0
	Humanities 200-level Elective	3	0		Social Sciences Elective	3	0
<b>Total Hours</b>		<b>13*</b>	<b>0</b>		Natural Science or Engineering Elective	3	0
				<b>Total Hours</b>		<b>15</b>	<b>0</b>
Semester 3		Undergrad Credits	Grad Credits	Semester 4		Undergrad Credits	Grad Credits
ITM 100	Introduction to IT as a Profession	3	0	ITMD 411	Intermediate Software Development	3	0
ITM 312	Introduction to Systems Software Prog	3	0	ITMO 456	Intro to Open Source Operat Systems	3	0
ITMD 361	Fundamentals of Web Development	3	0	ITMD 362	Human/Comp Interact & Web Design	3	0
	Natural Science or Engineering Elective	3	0		Statistics Elective (MATH 425, BUS 221, PSYC 203)	3	0
	Social Sciences Elective (300+)	3	0		Free Elective	3	0
<b>Total Hours</b>		<b>15</b>	<b>0</b>	<b>Total Hours</b>		<b>15</b>	<b>0</b>
Semester 5		Undergrad Credits	Grad Credits	Semester 6		Undergrad Credits	Grad Credits
ITMM 471	Project Management for Info Tech	3	0	ITM 5XX Elective		3	3
	ITM Elective	3	0	IPRO Elective I		3	0
	Minor Elective	3	0		Social Sciences Elective (300+)	3	0
	Humanities Elective (300+)	3	0		Minor Elective	3	0
	Free Elective	3	0		Minor Elective	3	0
	Free Elective	3	0		Free Elective	3	0
<b>Total Hours</b>		<b>18</b>	<b>0</b>	<b>Total Hours</b>		<b>18</b>	<b>3</b>
Semester 7		Undergrad Credits	Grad Credits	Semester 8		Undergrad Credits	Grad Credits
ITMS 448	Cyber Security Technologies**	3	0	ITMT 430	System Integration	3	0
	ITM 5XX Elective	3	3	IPRO Elective II		3	0
	ITM 5XX Elective	0	3		ITM 5XX Elective	3	3
	Humanities Elective (300+)	3	0		Minor Elective	3	0
	Minor Elective	3	0		Humanities or Social Sciences Electives	3	0
<b>Total Hours</b>		<b>12</b>	<b>6</b>	<b>Total Hours</b>		<b>15</b>	<b>3</b>
Semester 9		Undergrad Credits	Grad Credits	Semester 10		Undergrad Credits	Grad Credits
	ITM Undergraduate Elective	3	0		ITM Undergraduate Elective	3	0
	ITM 5XX Elective	0	3		ITM 5XX Elective	0	3
	ITM 5XX Elective	0	3		ITM 5XX Elective	0	3
	ITM 5XX Elective	0	3		ITM 5XX Elective	0	3
<b>Total Hours</b>		<b>3</b>	<b>9</b>	<b>Total Hours</b>		<b>3</b>	<b>9</b>
<b>Total Undergraduate Credit Hours</b>		<b>127</b>					
<b>Total Graduate Credit Hours</b>		<b>30</b>					

\* Students should be aware that students not completing 30 hours of study in their first year will still be classified as a first year student in the first semester of their second year of study, which may adversely impact some financial aid. Students with issues or questions about this should discuss it with a Financial Aid Counselor.

\*\* Co-terminal students completing the Computer and Information Security graduate specialization will substitute ITMS 548 for ITMS 448.

## Department of Information Technology and Management

### Bachelor of Information Technology & Management Curriculum (Co-Terminal with Master of Cyber Forensics and Security)

Semester 1				Semester 2			
		Undergrad Credits	Grad Credits			Undergrad Credits	Grad Credits
ITM 301	Contemporary Op Sys / Hardware I	3	0	ITM 311	Introduction to Software Development	3	0
ITMD 421	Data Modeling and Applications	3	0	ITMO 440	Intro to Data Networks & the Internet	3	0
Natural Science or Engineering Elective		4	0	MATH 230	Discrete Mathematics	3	0
Humanities 200-level Elective		3	0	Social Sciences Elective		3	0
<b>Total Hours</b>		<b>13*</b>	<b>0</b>	Natural Science or Engineering Elective		3	0
				<b>Total Hours</b>		<b>15</b>	<b>0</b>

  

Semester 3				Semester 4			
		Undergrad Credits	Grad Credits			Undergrad Credits	Grad Credits
ITM 100	Introduction to the Profession	3	0	ITMD 362	Human/Comp Interact & Web Design	3	0
ITM 312	Introduction to Systems Software Prog	3	0	ITMD 411	Intermediate Software Development	3	0
ITMD 361	Fundamentals of Web Development	3	0	ITMO 456	Intro to Open Source Operat Systems	3	0
Natural Science or Engineering Elective		3	0	Statistics Elective (MATH 425, BUS 221, PSYC 203)		3	0
Social Sciences Elective (300+)		3	0	Free Elective		3	0
<b>Total Hours</b>		<b>15</b>	<b>0</b>	<b>Total Hours</b>		<b>15</b>	<b>0</b>

  

Semester 5				Semester 6			
		Undergrad Credits	Grad Credits			Undergrad Credits	Grad Credits
ITMM 471	Project Management for Info Tech	3	0	ITM 5XX Elective (Typically ITMS 543)		3	3
ITM Elective		3	0	IPRO Elective I		3	0
Minor Elective		3	0	Social Sciences Elective (300+)		3	0 (300+)
Humanities Elective (300+)		3	0	Minor Elective		3	0
Free Elective		3	0	Minor Elective		3	0
Free Elective		3	0	Free Elective		3	0
<b>Total Hours</b>		<b>18</b>	<b>0</b>	<b>Total Hours</b>		<b>18</b>	<b>3</b>

  

Semester 7				Semester 8			
		Undergrad Credits	Grad Credits			Undergrad Credits	Grad Credits
ITMS 548	Cyber Security Technologies**	3	3	ITMT 430	System Integration	3	0
ITMS 5XX Elective (Typically ITMS 578)		3	3	IPRO Elective II		3	0
ITM Elective		3	0	ITMS 5XX Elective (Usually ITMS 539 or ITMS 549)		0	3
Humanities Elective (300+)		3	0	Humanities or Social Sciences Elective		3	0
Minor Elective		3	0	Minor Elective		3	0
<b>Total Hours</b>		<b>15</b>	<b>6</b>	<b>Total Hours</b>		<b>12</b>	<b>3</b>

  

Semester 9				Semester 10			
		Undergrad Credits	Grad Credits			Undergrad Credits	Grad Credits
ITM Undergraduate Elective		3	0	ITM Undergraduate Elective		3	0
ITMS 5XX Course (Typically ITMS 538)		0	3	ITMS 5XX Elective		0	3
ITMS 5XX Elective		0	3	ITMS 5XX Elective		0	3
LAW 273	Evidence	0	3	LAW Elective		0	3
<b>Total Hours</b>		<b>3</b>	<b>9</b>	<b>Total Hours</b>		<b>3</b>	<b>9</b>

**Total Undergraduate Credit Hours**                      **127**  
**Total Graduate Credit Hours**                                      **30**

\* Students should be aware that students not completing 30 hours of study in their first year will still be classified as a first year student in the first semester of their second year of study, which may adversely impact some financial aid. Students with issues or questions about this should discuss it with a Financial Aid Counselor.

\*\* Co-terminal students enrolled in the Master of Cyber Forensics and Security will substitute ITMS 548 for ITMS 448.