

# Department of Information Technology and Management

## Bachelor of Information Technology & Management Curriculum

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

<b>Semester 1</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>	<b>Semester 2</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>
EG 225	Engineering Graphics for Non-Engineers	3	0	ITM 100	Introduction to the Profession	2	0
Freshman MATH Sequence Elective*		3-5	0	ITM 301	Contemporary Op Sys / Hardware I	3	0
Natural Science or Engineering Elective		4	0	ITM 311	Introduction to Software Development	3	0
Humanities or Social Sciences Elective		3	0	Freshman MATH Sequence Elective*		3-5	0
<b>Total Hours</b>		<b>13-15</b>	<b>0</b>	Natural Science or Engineering Elective		4	0
				<b>Total Hours</b>		<b>15-17</b>	<b>0</b>

<b>Semester 3</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>	<b>Semester 4</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>
ITM 302	Contemporary Op Sys / Hardware II	3	0	ITMM 471	Project Management for Info Technology	3	0
ITM 312	Introduction to Systems Software Prog	3	0	ITMT 434	Human/Computer Interaction	3	0
ITM Elective		3	0	ITM Elective		3	0
Humanities 100-level Elective		3	0	Statistics Elective (MATH 425, BUS 221, PSYC 203)		3	0
Social Studies Elective		3	0	Minor Elective		3	0
<b>Total Hours</b>		<b>15</b>	<b>0</b>	<b>Total Hours</b>		<b>15</b>	<b>0</b>

<b>Semester 5</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>	<b>Semester 6</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>
ITMD 411	Intermediate Software Development	3	3	ITMD 421	Data Modeling and Applications	3	3
ITMO 440	Intro to Data Networks and the Internet	3	0	ITMD 461	Internet Technologies & Web Design	3	3
PSYC 301	Industrial Psychology	3	0	COM 421	Technical Writing	3	0
Minor Elective		3	0	IPro 497	Interprofessional Project I	3	0
Humanities Elective (300+)		3	0	Social Studies Elective (300+)		3	0
Free Elective		2	0	Minor Elective		3	0
<b>Total Hours</b>		<b>17</b>	<b>3</b>	<b>Total Hours</b>		<b>18</b>	<b>6</b>

<b>Semester 7</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>	<b>Semester 8</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>
ITMS 448	System and Network Security	3	0	IPro 497	Interprofessional Project II	3	0
ITM 5XX Elective		0	3	ITM 5XX Elective		0	3
Minor Elective		3	0	ITM Elective		3	0
Humanities Elective (300+)		3	0	Minor Elective		3	0
Free Elective		3	0	Social Studies Elective (300+)		3	0
<b>Total Hours</b>		<b>12</b>	<b>3</b>	<b>Total Hours</b>		<b>12</b>	<b>3</b>

<b>Semester 9</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>	<b>Semester 10</b>		<b>Undergrad Credits</b>	<b>Grad Credits</b>
ITM Undergraduate Elective		3	0	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
<b>Total Hours</b>		<b>6</b>	<b>6</b>	<b>Total Hours</b>		<b>3</b>	<b>9</b>

**Total Undergraduate Credit Hours**                      **126-130**  
**Total Graduate Credit Hours**                                      **30**

\* Choose from Math 130 & Math 425, MATH 148 & 149, or MATH 151.

## Department of Information Technology and Management

### Bachelor of Information Technology & Management Curriculum

(Co-Terminal with Master of Cyber Forensics and Security)

Semester 1	Undergrad Credits	Grad Credits	Semester 2	Undergrad Credits	Grad Credits
EG 225    Engineering Graphics for Non-Engineers	3	0	ITM 100    Introduction to the Profession	2	0
Freshman MATH Sequence Elective*	3-5	0	ITM 301    Contemporary Op Sys / Hardware I	3	0
Natural Science or Engineering Elective	4	0	ITM 311    Introduction to Software Development	3	0
Humanities or Social Sciences Elective	3	0	Freshman MATH Sequence Elective*	3-5	0
<b>Total Hours</b>	<b>13-15</b>	<b>0</b>	Natural Science or Engineering Elective	4	0
			<b>Total Hours</b>	<b>15-17</b>	<b>0</b>
Semester 3	Undergrad Credits	Grad Credits	Semester 4	Undergrad Credits	Grad Credits
ITM 302    Contemporary Op Sys / Hardware II	3	0	ITMD 411    Intermediate Software Development	3	0
ITM 312    Introduction to Systems Software Prog	3	0	ITMT 434    Human/Computer Interaction	3	0
ITM Elective	3	0	ITMD 461    Internet Technologies & Web Design	3	0
Humanities 100-level Elective	3	0	Statistics Elective (MATH 425, BUS 221, PSYC 203)	3	0
Social Studies Elective	3	0	Minor 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 Technology	3	0	ITMD 421    Data Modeling and Applications	3	0
ITMO 440    Intro to Data Networks and the Internet	3	0	ITMS 478    Cyber Security Management	3	3
PSYC 301    Industrial Psychology	3	0	COM 421    Technical Writing	3	0
Minor Elective	3	0	IPro 497    Interprofessional Project I	3	0
Humanities Elective (300+)	3	0	Social Studies Elective (300+)	3	0
Free Elective	2	0	Minor Elective	3	0
<b>Total Hours</b>	<b>17</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	3	IPro 497    Interprofessional Project II	3	0
ITMS 5XX Elective	0	3	ITMS 443    Vulnerability Analysis and Control	3	3
Minor Elective	3	0	ITMS 5XX Elective	0	3
Humanities Elective (300+)	3	0	Minor Elective	3	0
Free Elective	3	0	Social Studies Elective (300+)	3	0
<b>Total Hours</b>	<b>12</b>	<b>6</b>	<b>Total Hours</b>	<b>12</b>	<b>6</b>
Semester 9	Undergrad Credits	Grad Credits	Semester 10	Undergrad Credits	Grad Credits
ITM Undergraduate Elective	3	0	ITM Undergraduate Elective	3	0
ITM Undergraduate Elective	3	0	ITMS 5XX Elective	0	3
LAW 273    Evidence	0	3	ITMS 5XX Elective	0	3
ITMS 538    Cyber Forensics	0	3	LAW Elective	0	3
<b>Total Hours</b>	<b>6</b>	<b>6</b>	<b>Total Hours</b>	<b>3</b>	<b>9</b>
<b>Total Undergraduate Credit Hours</b>	<b>126-130</b>				
<b>Total Graduate Credit Hours</b>	<b>30</b>				

\* Choose from Math 130 & Math 425, MATH 148 & 149, or MATH 151.