

West Visayas State University

COLLEGE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

Luna St., La Paz, Iloilo City 5000

Iloilo, Philippines

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BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSIS)

Effective SY 2018-2019 BOR Resolution No. 56 - C, s. 2018

FIRST YEAR

1st Semester

		13	ot Jennes		NIT/S			
	CRS CODE	DESCRIPTIVE TITLE	Lec	Lab	Total	HOURS	PRE-REQ	CO-REQ
	CC 201	Introduction to Computing	2	1	3	5	PRE-REQ	CO-REQ
-	CC 202	Computer Programming 1	2	1	3	5		<u> </u>
-	PE 111	Movement Enhancement	2	0	2	2		
	MTH 101	Mathematics in the Modern World	3	0	3	3		
-	PSY 110	Understanding the Self	3	0	3	3		
	SS 110	Readings in Philippine History	3	0	3	3		
	BA 236	Organization and Management Concepts		0	3	3	-	
	NSTP 1	National Service Training Program 1	3	0	3	3		
				Total:	23	27		
		2r	nd Seme					
	CC 203	Computer Programming 2	2	1	3	5	CC 202	
	ENG 110	Purposive Communication	3	. 0	3	3		
	PE 112	Fitness Exercises	2	0	2	2		
	ITE 101/	Living in the IT Era/Komunikasyon sa						
	FIL101	Akademikong Filipino	3	0	3	3		
	NSCI 110	Science, Technology and Society	3	0	3	3		
	CIS 201	Fundamentals of Information Systems	2	1	3	5	CC 201	
	CIS 202	Web Development	2	1	3	5	CC 201, CC 202	
	NSTP 2	National Service Training Program 2	3		3	3		
		19	COND Y st Semes					
	CC 204	Data Structures and Algorithms	2	1	3	5	CC 203	
	SS 111	The Contemporary World	3	0	3	3		
	HUM 110	Art Appreciation	3	0	3	3		
	PE 113	Physical Activities towards Health and Fitness 1	2	0	2	2		
	SS 112	Ethics	3	0	3	3		 -
	ACTG 201	Fundamentals of Accounting	3	0	3	3		
		IT Infrastructure and Network						
	CIS 203	Technologies	2	1	3	5	CC 201	
		Specialization/Track 1	3		3	3	CIS 201, CIS 202	
				Total:	23	27		
			د	a t a				
	CC 205		nd Seme: ಾ		າ	Е	CC 204	CC 207
	CC 203	Information Management Physical Activities towards Health and	2	1	3	5	CC 204	CC 207
	PE 114	Fitness 2	2	0	2	2		
	SS 105	Life, Works and Writings of Dr. Jose Rizal	3	0	3	3		
	ACTG 202	Partnership and Corporation Accounting	3	0	3	3	ACTG 201	
	CC 207 ENG 111/	Systems Analysis and Design Reading Visual Arts/ Panitikan ng	2	1	3	5	2ND YR STANDING	CC 205
	PAN 101	Pilipinas	3	0	3	3		
		Specialization/Track 2	3	0	3	3	TRACK1	
	CIT 205	Human Computer Interaction	2	1	3	5		<u>. </u>
				Total:	23	29		

THIRD YEAR

1st Semester

		Applications Davidopment 9 Emerging						
	CC 206	Applications Development & Emerging Technologies	2	1	3	5	CC 203,CC 205, CC 207	
	BA 205	Financial Management	3	0	3	3	ACTG 202, CIS 201	
	BA 234/FIL	Technopreneurship/Masining na	J	Ü	J	J	11010 202, 010 201	
	103	Pagpapahalaga	3	0	3	3	3RD YR STANDING	
		Specialization/Track 3	3	0	3	3	TRACK2	
	CIS 215	IS Innovations and New Technologies	3	0	3	3		
	CC 208	Methods of Research in Computing	3	0	3	3	3RD YR STANDING	
	CIS 204	Enterprise Architechture	2	1	3	5	CIS 203	
	CIS 205	IS Project Management 1	3	0 _	3	3	CC 207	
				Total:	24	28		
		2nd	Seme	ster				
	CIS 206	Business Process Management	3	0	3	3	BA 205	
	CIS 207	Quantitative Methods	3	0	3	3	3RD YR STANDING	
		Specialization/Track 4	3	0	3	3	TRACK 3	
	CCS 230	Data Mining	2	1	3	5	3RD YR STANDING	
	CIS 211	Thesis Writing for IS 1	3	0	3	3	CC 208	
	CIS 208	IS Strategy Management and Acquisition	3		3	3	3RD YR STANDING	
	CIS 300	Professional Issues in Information	3	0	2	2	GEG	
	CIS 209 CIS 210	Systems Enterprise Systems		_	3	5	GĒ 6	
	CIS 210	Enterprise Systems	2	1_		5 28	CIS 204	-
		FOLL	RTH Y	Total:	24	28		
			Semes			1		
	CIS 216	Business Intelligence	2	1	2	_5	CCS 230	
	CI3 210	Specialization/Track 5	2	0	3	3	TRACK4	
	CIS 213	Evaluation of Business Performance	3	0	3	3	CIS 206	
	CIS 213		3	0	3	3	CIS 211	
	CC 209	Thesis Writing for IS 2	3	0	3	3	4TH YR STANDING	
	CC 209	Seminars and Field Study	3		 15		41H TR STANDING	
				Total:	15	17		
		4 2nd	Cama					
	CIS 214		Seme	ster	12	12	Ath Vr Standing	
	CIS 214	Internship for Information Systems	Seme: 12	_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		s ter – Total:	12	12	4th Yr Standing	
	CIS 214			_			4th Yr Standing	
neciali		Internship for Information Systems		_	12	12	4th Yr Standing	
pecial	ization/Track	Internship for Information Systems GRAND TOTAL:		_	12	12	4th Yr Standing	
peciali	ization/Track Business Ana	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013)		_	12 167	12 197		
pecial	ization/Track Business Ana CIS 217	Internship for Information Systems GRAND TOTAL:	12	Total:	12	12	CC 205	
pecial	ization/Track Business And CIS 217 CIS 218	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management	12	Total:	12 167	12 197	CC 205	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219	Internship for Information Systems GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling	12	Total:	12 167	12 197 5	CC 205 CIS 217 CIS 217, CIS 218	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management	12 2 2	Total:	12 167 3 3	12 197 5 5	CC 205	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219	Internship for Information Systems GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling	12 2 2 2	Total: 1 1 1	12 167 3 3 3	12 197 5 5 5	CC 205 CIS 217 CIS 217, CIS 218	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man	GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012)	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214	GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Comparison Application Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Business Outsourcing 1 Business Communication	12 2 2 2 2 2	Total: 1 1 1 1 1	12 167 3 3 3 3 3	12 197 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1	2 2 2 2 2	Total: 1 1 1 1 1 1	12 167 3 3 3 3 3	12 197 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214	GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Comparison Application Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Business Outsourcing 1 Business Communication	2 2 2 2 2 2	Total: 1 1 1 1 1 1 1 1	12 167 3 3 3 3 3 3	12 197 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222	
speciali	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223	GRAND TOTAL: GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2	2 2 2 2 2 2 2	Total: 1 1 1 1 1 1 1 1 1	12 167 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214 CIS 223 CIS 224 CIS 225	GRAND TOTAL: GRAND TOTAL: Color of the second sec	2 2 2 2 2 2 2 2 3	Total: 1 1 1 1 1 1 1 1 0	12 167 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222	
special	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App	GRAND TOTAL: Color of the second of the sec	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207	GRAND TOTAL: GRAND TOTAL: College (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Application Guident Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Collication Development Object-Oriented Programming	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 1 1 0	12 167 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207 CIS 226	GRAND TOTAL: Color of the colo	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207	GRAND TOTAL: Color of the programming Programming Fundamentals of Business Analytics Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Colication Development Object-Oriented Programming Programming for E-Business Applications Cloud Computing Services	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207 CIS 226	GRAND TOTAL: GRAND TOTAL: Color (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Analytics Application Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Colication Development Object-Oriented Programming Programming for E-Business Applications Cloud Computing Services Mobile Application Development for	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203 CC 203 CIS 202	
	CIS 214			ster	12	12	4th Vr Standing	
	CIS 214			_			4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
	CIS 214	Internship for Information Systems		_	12	12	4th Yr Standing	
pecial		Internship for Information Systems		_	12	12	4th Yr Standing	
pecial	ization/Track	Internship for Information Systems GRAND TOTAL:		_	12	12	4th Yr Standing	
pecial	ization/Track Business Ana	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013)	12	Total:	12 167	12 197		
pecial	ization/Track Business Ana CIS 217	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics	12	Total:	12 167	12 197		
pecial	ization/Track Business Ana CIS 217	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data	12	Total:	12 167	12 197 5	CC 205	
pecial	ization/Track Business And CIS 217 CIS 218	Internship for Information Systems GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management	12 2 2	Total:	12 167 3 3	12 197 5 5	CC 205	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219	Internship for Information Systems GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling	12 2 2 2	Total: 1 1 1	12 167 3 3 3	12 197 5 5 5	CC 205 CIS 217 CIS 217, CIS 218	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220	Internship for Information Systems GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220	Internship for Information Systems GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application	12 2 2 2 2	Total: 1 1 1 1	12 167 3 3 3 3	12 197 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man	GRAND TOTAL: alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012)	12 2 2 2 2 2	Total: 1 1 1 1 1	12 167 3 3 3 3 3	12 197 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222	GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1	2 2 2 2 2	Total: 1 1 1 1 1 1	12 167 3 3 3 3 3	12 197 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214	GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Comparison Application Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Business Outsourcing 1 Business Communication	2 2 2 2 2	Total: 1 1 1 1 1 1	12 167 3 3 3 3 3	12 197 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214	GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Comparison Application Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems GRAND TOTAL: Comparison Systems Fundamentals of Business Analytics Fundamentals of Business Outsourcing 1 Business Communication	2 2 2 2 2 2	Total: 1 1 1 1 1 1 1 1	12 167 3 3 3 3 3 3	12 197 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223	GRAND TOTAL: GRAND TOTAL: Alytics (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application agement Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2	2 2 2 2 2 2 2	Total: 1 1 1 1 1 1 1 1 1	12 167 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214 CIS 223 CIS 224	GRAND TOTAL: Color of the colo	2 2 2 2 2 2 2 2 3	Total: 1 1 1 1 1 1 1 1 0	12 167 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222	
pecial	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214 CIS 223 CIS 224 CIS 225	GRAND TOTAL: GRAND TOTAL: Color of the second sec	2 2 2 2 2 2 2 2 3	Total: 1 1 1 1 1 1 1 1 0	12 167 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Mana CIS 222 ELS 214 CIS 223 CIS 224 CIS 225	GRAND TOTAL: GRAND TOTAL: Color of the second sec	2 2 2 2 2 2 2 2 3	Total: 1 1 1 1 1 1 1 1 0	12 167 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 5	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224	
pecial	ization/Track Business Ana CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App	GRAND TOTAL: Color of the second of the sec	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 202 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207	GRAND TOTAL: GRAND TOTAL: College (CMO 12 s.2013) Fundamentals of Business Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Application Guident Program (CMO 34 s.2012) Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Collication Development Object-Oriented Programming	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207 CIS 226	GRAND TOTAL: Color of the colo	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207 CIS 226	GRAND TOTAL: Color of the programming Programming Fundamentals of Business Analytics Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Colication Development Object-Oriented Programming Programming for E-Business Applications Cloud Computing Services	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203 CC 203	
Special	ization/Track Business And CIS 217 CIS 218 CIS 219 CIS 220 CIS 221 Service Man CIS 222 ELS 214 CIS 223 CIS 224 CIS 225 Business App CIT 207 CIS 226 CIS 227	GRAND TOTAL: Color of the programming Programming Fundamentals of Business Analytics Analytics Fundamentals of Enterprise Data Management Fundamentals of Analytics Modeling Analytics Techniques & Tools Analytics Application Fundamentals of Business Outsourcing 1 Business Communication Fundamentals of Business Outsourcing 2 Service Culture Principles of Systems Thinking Colication Development Object-Oriented Programming Programming for E-Business Applications Cloud Computing Services	2 2 2 2 2 2 2 3 3	Total: 1 1 1 1 1 1 0 0	12 167 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 197 5 5 5 5 5 5 3 3	CC 205 CIS 217 CIS 217, CIS 218 CIS 218, CIS 219 CIS 219, CIS 220 CIS 201 CIS 222 ENG 214, CIS 222 ENG 214, CIS 222 CIS 224 CC 203 CC 203	