



**BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSIS)**  
**Effective SY 2018-2019**  
**BOR Resolution No. 56 - C, s. 2018**

**FIRST YEAR**

**1st Semester**

CRS CODE	DESCRIPTIVE TITLE	UNIT/S		PRE-REQ	CO-REQ
		Lec	Lab	Total	HOURS
CC 201	Introduction to Computing	2	1	3	5
CC 202	Computer Programming 1	2	1	3	5
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	3	0	3	3
NSTP 1	National Service Training Program 1	3	0	3	3
Total:				23	27

**2nd Semester**

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/ FIL101	Living in the IT Era/Komunikasyon sa 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		
Total:				23	29		

**SECOND YEAR**

**1st Semester**

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		
CIS 203	IT Infrastructure and Network Technologies	2	1	3	5	CC 201	
	Specialization/Track 1	3		3	3	CIS 201, CIS 202	
Total:				23	27		

**2nd Semester**

CC 205	Information Management	2	1	3	5	CC 204	CC 207
PE 114	Physical Activities towards Health and 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	Systems Analysis and Design	2	1	3	5	2ND YR STANDING	CC 205
ENG 111/ PAN 101	Reading Visual Arts/ Panitikan ng Pilipinas	3	0	3	3		
	Specialization/Track 2	3	0	3	3	TRACK1	
CIT 205	Human Computer Interaction	2	1	3	5		
Total:				23	29		

THIRD YEAR							
1st Semester							
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 103	Technopreneurship/Masining na 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 Architecture	2	1	3	5	CIS 203	
CIS 205	IS Project Management 1	3	0	3	3	CC 207	
Total:				24	28		
2nd Semester							
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 209	Professional Issues in Information Systems	3	0	3	3	GE 6	
CIS 210	Enterprise Systems	2	1	3	5	CIS 204	
Total:				24	28		
FOURTH YEAR							
1st Semester							
CIS 216	Business Intelligence	2	1	3	5	CCS 230	
	Specialization/Track 5	3	0	3	3	TRACK4	
CIS 213	Evaluation of Business Performance	3	0	3	3	CIS 206	
CIS 212	Thesis Writing for IS 2	3	0	3	3	CIS 211	
CC 209	Seminars and Field Study	3	0	3	3	4TH YR STANDING	
Total:				15	17		
2nd Semester							
CIS 214	Internship for Information Systems	12		12	12	4th Yr Standing	
Total:				12	12		
GRAND TOTAL:				167	197		
Specialization/Track							
Business Analytics (CMO 12 s.2013)							
CIS 217	Fundamentals of Business Analytics	2	1	3	5	CC 205	
CIS 218	Fundamentals of Enterprise Data Management	2	1	3	5	CIS 217	
CIS 219	Fundamentals of Analytics Modeling	2	1	3	5	CIS 217, CIS 218	
CIS 220	Analytics Techniques & Tools	2	1	3	5	CIS 218, CIS 219	
CIS 221	Analytics Application	2	1	3	5	CIS 219, CIS 220	
Service Management Program (CMO 34 s.2012)							
CIS 222	Fundamentals of Business Outsourcing 1	2	1	3	5	CIS 201	
ELS 214	Business Communication	2	1	3	5	CIS 222	
CIS 223	Fundamentals of Business Outsourcing 2	2	1	3	5	ENG 214, CIS 222	
CIS 224	Service Culture	3	0	3	3	ENG 214, CIS 222	
CIS 225	Principles of Systems Thinking	3	0	3	3	CIS 224	
Business Application Development							
CIT 207	Object-Oriented Programming	2	1	3	5	CC 203	
CIS 226	Programming for E-Business Applications	2	1	3	5	CC 203	
CIS 227	Cloud Computing Services	3	0	3	3	CIS 202	
CIS 228	Mobile Application Development for Business Integration	2	1	3	5	CIS 226, CIS 227	
CIS 229	Systems Infrastructure and Integration	3	0	3	3		