



CSU, San Bernardino
 College of Business and Public Administration
 Bachelor of Science in Information Systems & Technology
 2015-2016

Major: Information Systems & Technology

Options: Computer Info Systems or Cyber Security Intelligence

Minimum Units Required: 180

General Education Requirements 82 Units	Units	Required Core Courses 68 Units	Units
Area A - Basic Skills	12	Lower Division Courses 36 Units	
___ 1. Written Communication		___ ADMN 210 Applied Business Statistics	4
___ 2. Oral Communication		___ IST 101 Introduction to Information Technology	4
___ 4. Critical Thinking		___ IST 215 Cyber Security (Prerequisite: IST 101 or consent of instructor)	4
Area B - Natural Sciences	20	___ IST 274 Data Base Management & Policies (Prerequisite: IST 101 or instructor consent)	4
___ 1. Mathematics		___ IST 275 Information Networking & Security (Prerequisite: IST 101 or instructor consent)	4
___ 2. Life Science		___ IST 276 Systems Analysis & Design (Prerequisite: IST 101 or instructor consent)	4
___ 3. Physical Science		___ IST 282 Business Systems I (Prerequisite: IST 101 or instructor consent)	4
___ 4. Special Topics in Science and Technology		___ MGMT 23C Business Law	4
___ 5. Integrative Capstone (Jr./Sr. Level course)		___ Four units chosen from MATH 110, MATH 120, MATH 192, or MATH 211	4
Area C - Humanities	20	Upper Division Courses 28 Units	
___ 1. Arts		___ IST 309 Information Systems and Technology (Prerequisite: IST 101)	4
___ 2. Literature		___ IST 372 Information Technology (Prerequisite: IST 309 or instructor consent)	4
___ 3. Foreign Language		___ IST 474 Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309 or instructor consent)	4
___ 4. Philosophy		___ IST 475 Advc Info Networking & Security (Prereq: IST 275 & IST 309 or instructor consent)	4
___ 5. Integrative Capstone (Jr./Sr. Level course)		___ MGMT 302 Management & Organizational Behavior	4
Area D - Social and Behavioral Sciences	20	___ IST 490 Info Systems Planning & Policy (prerequisite: all upper division courses & MGMT 306)	4
___ 1. American History and Civilization		___ SCM 515 Project Management	4
___ 2. American Institutions (PSCI 203)			
___ 3. World Cultures			
___ 4. Discipline Perspectives			
___ 5. Integrative Capstone (Jr./Sr. Level course)			
Area E - Lifelong Understanding	6		
___ 1. The Whole Person: Physical & Physiological Issues			
___ 2. The Whole Person: Social & Psychological Issues			
___ 3. Physical Education			
Area F - Upper-Division Writing Requirement	4		
___ 1. Expository Writing (MGMT 306)			
Area G - Multicultural/Gender Requirement	4		
___ 1. Integrative capstone course in 1 of the 3 breadth areas: HUM/NSCI/SSCI 325, HUM: 328, 335, 350, 370, 375, 380 SSCI: 316, 350			
		Requirements for one of the following options must be satisfied:	Units
		Computer Info Systems Option 28 Units	
		___ ACCT 211 Introductory Accounting I	4
		___ ACCT 212 Introductory Accounting II (Prerequisite: ACCT 211)	4
		___ FIN 313 Business Finance (Prerequisite: ACCT 212)	4
		___ MKTG 305 Marketing Principles	4
		___ SCM 304 Principles of Supply Chain Management	4
		___ SCM 305 Enterprise Resource Planning	4
		___ Four units chosen from IST 415, IST 511, or SCM 505	4
		Cyber Security Intelligence Option 28 Units	
		___ IST 415 Security Systems Management (Prereq: IST 215 or instructor consent)	4
		___ IST 511 Cyber Defense (Prereq: IST 215 or 610 or instructor consent)	4
		___ IST 525 Comp Forensics (Prereq: IST 215 or 610 & upper division writing or instructor consent)	4
		___ PSCI 204 International Relations	4
		___ PSCI 325 American Foreign Policy	4
		___ PSCI 484 National Security Policy	4
		___ PSCI 590 Seminar in International Relations	4