

B.S. IN INFORMATION TECHNOLOGY IN INFORMATION SYSTEMS SECURITY — REQUIRED COURSES

<u>Prerequisite</u>		3 Credits
MATH 110	College Algebra	3
[included in the General Education Core]		
<u>Information Technology/Information Systems Security</u>		45 Credits
CISM 100	Introduction to Information Technology	3
CISM 210	Information Technology Applications I	3
CISM 215	Information Technology Applications II	3
CISM 220	Information Technology Operating Systems	3
CISM 230	Technical Writing [WE*]	3
CISM 300	Networking Fundamentals	3
CISM 315	Risk Mitigation & Security Policy [WE*]	3
CISM 320	Introduction to Network Security	3
CISM 325	Network Security Applications	3
CISM 410	Introduction to Data Management	3
CISM 415	Advanced Security Applications	3
CISM 420	Network Management	3
CISM 435	Information Systems Disaster Recovery	3
CISM 440	Server Administration	3
CISM 475	Capstone Project in Secure Information System	3

**Writing Emphasis courses*

TOTAL CREDITS IN MAJOR: **45 Credits**

B.S. in Information Technology/Information Systems Security:

To earn the B.S. in Information Technology in Information Systems Security, students must complete the following degree components:

General Education Core:	31 Credits
Biblical Studies Minor:	15 Credits
Information Technology Major:	45 Credits
General Electives:	29 Credits

TOTAL: **120 Credits**

Professional Certifications:

Courses within the Information Technology/Information Systems Security Major are specifically designed to prepare students to earn up to six highly respected professional certifications from the Computing Technology Industry Association (CompTIA) and from Microsoft. Point strongly urges students to complete the certification exams as they progress through the academic program because these high-demand industry certifications will give them a significant advantage in the job market. The

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certifications, the Point courses that support them, and the current exam costs appear below. Point does not guarantee that students will pass every exam. However, if they master the knowledge and skills taught in the Point courses, students should be well-prepared to complete the exams successfully.

Professional Certifications	Supporting Courses	Current Cost
CompTIA Linux+ (exams LXO-103 and LXO-104)	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems	\$194 per exam
CompTIA A+ (exams 801, 802, 901, and 902)	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems CISM 215 Information Technology Applications II	\$199 per exam
MCSA: Installing & Configuring Windows Server	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems CISM 300 Networking Fundamentals CISM 320 Introduction to Network Security CISM 325 Network Security Applications CISM 420 Network Management	\$165
MCSA: Administering Windows Server	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems CISM 300 Networking Fundamentals CISM 320 Introduction to Network Security CISM 325 Network Security Applications CISM 420 Network Management CISM440 Server Administration	\$165
CompTIA Security+	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems CISM 300 Networking Fundamentals CISM 320 Introduction to Network Security CISM 325 Network Security Applications	\$311
CompTIA Network+	CISM 100 Introduction to Information Technology CISM 210 Information Technology Applications I CISM 220 Information Technology Operating Systems CISM 300 Networking Fundamentals	\$285

Students may also pursue additional security-related certifications from professional associations such as ISACA, (ISC)2, and the SANS Institute. Point encourages students to discuss the range of career options with the IT Program Coordinator.

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