

## CURRICULUM GUIDE FOR COMPUTER INFORMATION SYSTEMS MAJOR

*(This is an example and not all Compass courses are listed or noted.)*

### YEAR 1

FALL	COURSE TITLE	CREDITS
BUMG 112	Principles of Management	3
CIS 103	Introduction to CIS	3

SPRING	COURSE TITLE	CREDITS
CIS 201	Advanced Computer Applications in Business	3
CIS 211	Introduction to Programming	3
CIS 220	Systems Development Methodologies	3

### YEAR 2

FALL	COURSE TITLE	CREDITS
BUAC 225	Principles of Financial Accounting	3
CIS 230	Business Applications Development	3
CIS 250	Java Programming	3

SPRING	COURSE TITLE	CREDITS
CIS 270	Discrete Structures	3
MATH 220	Statistics	3
CIS XXX	CIS Elective	3

### YEAR 3

FALL	COURSE TITLE	CREDITS
CIS 336	Database Design and Implementation	3
CIS XXX	CIS Elective	3
CIS 3XX	CIS Elective	3

SPRING	COURSE TITLE	CREDITS
CIS 327	Distributed Systems and Communications	3
CIS 340	Computer Security*	3

### YEAR 4

FALL	COURSE TITLE	CREDITS
CIS 350	Web Programming*	3
CIS 420	Project Management in IT	3
CIS 445	Operating Systems	3

SPRING	COURSE TITLE	CREDITS
CIS 441	Systems Development	3
CIS 499	Senior Capstone	3

\*Students may take either CIS 340 Computer Security or CIS 350 Web Programming. Both are not required.