

2019-2020

**B.A. or B.S. INFORMATION SYSTEMS**



**GRACE CORE (39 credits; 2 APLs)**

*The Grace Core is designed around four essential relationships. Though all courses engage most relationships, courses are organized according to the relationship that is their primary focus.*

<b>Relationship to God</b>			<b>Relationship to Others</b>		
BIB 1050	Exploring the Bible	3	COM 1100	Public Speaking	3
@ BIB 2010	Scripture and Interpretation	3	ENG 1100	Effective Writing	3
@ BIB 3300	Essential Doctrinal Themes	3	PSY 1200	Essentials in Behavioral Science	3
<b>Relationship to Self</b>			<b>Relationship to the World and Environment</b>		
FYE 1000	First-Year Foundations	3	HIS 1380	Contemporary American and the World	3
ECN 3000	Consumer Economics	3	HUM 2000	Global Perspectives	3
@ PHI 3010	Christianity and Critical Thinking	3	HUM 2010-30	Cross-cultural Field Experience (2 APL)	0
			HUM 2100	Creative Arts & Culture	3
			SCI 2030	Faith, Science, and Reason	3

**ADDITIONAL GENERAL EDUCATION--B.A. or B.S. DEGREE (6 credits)**

<b>Satisfies B.S. Degree</b>			<b>Satisfies B.A. Degree</b>		
MAT 1000+	Any Math (1000 Level and Above)	3	FRE/SPA	Proficiency in Language & Culture	6
	Any Science/Social Science with the following course prefix: PSY, BHS, SOC, HIS, POS, GEO, SCI, BIO, ENV, CHM, PHY	3	GRE/HEB	French, Spanish, Greek, Hebrew	

**THE MAJOR (39 credits; 2 APLs)**

**INFORMATION SYSTEMS COURSES (39 credits)**

ISM 1150	Introduction to Computer Science	3
@ ISM 2150	Object-Oriented Computer Programming	3
ACC 2110	Financial Accounting	3
@ ISM 2200	Introduction to Networking	3
@ ISM 3470	Business Information Systems	3
ISM 2700	HTML and Web Development	3
PRO 2840	Career Institute (1 APL)	0
@ BUS 3050	Business Spreadsheet Applications (1 APL)	3
@ ISM 3400	Database	3
@ ISM 3500	Data Structures	3
@ ISM 4110	Client-side Programming	3
@ ISM 4120	Server-side Programming	3
ISM 3710-30	Special Topics in Information Systems	6

**GRADUATION REQUIREMENTS**

To receive a degree, each student must satisfy checklist requirements, earn 120 credit hours, fulfill 12 credits of Applied Learning, have a 2.2 GPA in major courses, and a GPA of 2.0 overall. It is the student's responsibility to work with his/her advisor and monitor progress toward these goals. Some majors and/or minors may have more stringent guidelines.

*It is strongly encouraged that a minimum of 6 Applied Learning credits be earned in experiential education taking place outside the traditional classroom setting.*

**IS A MINOR REQUIRED WITH THIS MAJOR? YES (or 2nd Major)**

Notes about this major:

**CHECKSHEET TOTAL CREDITS: 84**  
**CHECKSHEET TOTAL APL: 4**  
**TOTAL CREDITS NEEDED TO GRADUATE: 120 (12 APLs)**

*† Indicates a course taught by a partner college/university.*

*@ Indicates a course with prerequisites. Please review catalog for prerequisites.*