

ORAL ROBERTS UNIVERSITY
DEGREE: Bachelor of Science
MAJOR: Computer Information Technology

DEGREE PLAN SHEET 2021-2022
Computer Information Technology Major
Computing and Mathematics Department
College of Science and Engineering

TOTAL HOURS REQUIRED 120
Hours in general education 47
Hours in major 46
Hours in cognate 9
Hours in minor 18

Name _____
ID _____ Date _____
Telephone _____ Email _____
Advisor _____ Minor _____

SEMESTER TAKEN	COURSE			CREDIT HOURS	COURSE			CREDIT HOURS	
	CODE	COURSE TITLE			CODE	COURSE TITLE			
		FRESHMAN Semester 1				FRESHMAN Semester 2			
	COMP	102	Composition II	3		101	Laboratory Science ³	4	
		101	Foreign Language ¹	3		COM	101	Oral Communication	3
	MAT	106/201	Trigonometry OR Calculus I	3		CSC	206	Intermediate Programming	3
	CSC	111	Introduction to Computing	3		THE	105	Spirit Empowered Leadership	2
	THE	104	Spirit Empowered Living	2		HPE	155	Health Fitness ⁷	1
	GEN	150	Introduction to Whole Person Education	1		CSC	100	Computing & Mathematics Seminar	0.5
	PRFH	070	Swimming Proficiency	0					
	CSC	100	Computing & Mathematics Seminar	0.5					
				15.5					13.5

SOPHOMORE Semester 3					SOPHOMORE Semester 4				
	CIT	216	Project Management	3		MAT	207/208	Discrete/Elementary Discrete Mathematics	3
	HUM		Humanities Elective ⁶	3		CSC	212	Computing Ethics	3
	CSC	255	Data Structures	3		GOV/HIS		Civics Elective ⁵	3
			Social Science Elective ⁹	3		CIT	306	Database Development	3
	BLIT	111	Christian Life I: Old Testament ²	2		BLIT	122	Christian Life II: New Testament ²	2
	HPE	026	Beginning Swimming ⁸ OR	0.5		CSC	100	Computing & Mathematics Seminar	0.5
	HPE		HPE Activity ⁷			HPE		HPE Activity ⁷	0.5
	CSC	100	Computing & Mathematics Seminar	0.5					
				15					15

⁸If swimming proficiency (PRFH 070) NOT yet passed.

JUNIOR Semester 5					JUNIOR Semester 6				
	COMP	303	Critical Reading & Writing	3		MAT	232/325	Elem. Or Probability Statistics ⁴	3
	CIT	304	System Analysis/Design	3				Science Elective	3
	CIT/CSC		CIT/CSC Elective*	3				Minor	3
			Minor	3		CIT	498	Senior Paper/Project Preparation	1
	CSC	100	Computing & Mathematics Seminar	0.5		CSC	341	Internet Programming	3
	HPE		HPE Activity ⁷	0.5		CSC	100	Computing & Mathematics Seminar	0.5
	HUM		Humanities Elective ⁶	3		HPE		HPE Activity ⁷	0.5
				16					14

SENIOR Semester 7					SENIOR Semester 8					
	CIT	499	Senior Paper/Project	2				Minor	3	
			Minor	3				Minor	3	
			Minor	3			CIT/CSC	CIT/CSC Elective*	3	
	CIT/CSC		CIT/CSC Elective*	3			CIT	441	Network Administration	3
	CIT	428	Information Systems	3			HPE		HPE Activity ⁷	0.5
	HPE	400	Lifelong Wellness ⁷	0.5			CSC	100	Computing & Mathematics Seminar	0.5
	CSC	100	Computing & Mathematics Seminar	0.5			CIT	442	Information System Security	3
				15					16	

College of Science & Engineering
2020-2021

B.S. in Computer Information Technology

General Education	Credit Hours
Introduction to Whole Person Education (GEN 150)	1
English (COMP 102, 303)	6
Foreign Language ¹ -GO Course	3
Oral Communication (COM 101)	3
Biblical Literature ²	4
Theology (THE 104 and 105)	4
Laboratory Science (lecture and lab) ³	4
Science Elective (CSC 201 or second lab science)	3
Mathematics ⁴	3
Civics ⁵	3
Humanities ⁶	6
Social Science Elective ⁹	3
Health and Physical Education ⁷	4
General Education Total	47

¹Choose from 101, 102, 203, and 204 classes in Arabic, Chinese, French, Hebrew, or Spanish.

²BLIT 111/BIB 222 or BLIT 122/BIB 261.

³BIO 101, CHE 101, EVR 250, PHY 101, or PSC 101 lecture and lab.

⁴MAT 232 (does not count towards math minor) or MAT 325. Prerequisite for MAT 232; A grade of "C" or higher in MAT 105, MAT 106, MAT 201, NUR 230, SAT 520 math score, or ACT 22 math score. Students who have not met the pre-requisite requirement must also enroll in MAT 231.

⁵Choose from GOV 101, GOV 103, HIS 110, HIS 111, or HIS 200. GOV 103=GO course

⁶HUM 201, 202, 203 or 204. Choose your second course from HUM 201, 202, 203, 204, 333, 342, ART 103, 104, 307, DANP 125, MUS 130

⁷HPE 155, HPE 400, HPE 026 or swimming proficiency, and one activity course per full-time semester of enrollment. Students may complete the same activity course twice towards fulfilling their HPE requirements. Each HPE course is 1 credit hour, but students can request to take it for .5 credits. Course work remains the same.

⁹Choose from BUS 201 (counts towards minor in business); FIN 244; MUS 208; PSY 201; SOC 101, 201, 323; SWK 202.

Major

CIT 216	Project Management	3
CIT 304	System Analysis/Design	3
CIT 306	Database Development	3
CIT 428	Information Systems	3
CIT 441	Network Administration	3
CIT 442	Information System Security	3
CIT 498	Senior Paper/Project Preparation	1
CIT 499	Senior Paper/Project	2
CSC 100	Computing & Mathematics Seminar	4
CSC 111	Introduction to Computing	3
CSC 206	Intermediate Programming	3
CSC 212	Computing Ethics	3
CSC 341	Internet Programming	3
CSC/CIT	Electives (Any 300+ Level CIT/CSC course)	9
Major Total		46

Cognate

CSC 255	Data Structures	3
	<i>Choice of one of the following:</i>	3
MAT 207	Discrete Mathematics	
MAT 208	Elementary Discrete Mathematics (does not count towards math minor)	
	<i>Choice of one of the following:</i>	3
MAT 106	Trigonometry (3 hrs.) (does not count towards math minor)	
MAT 201	Calculus I (4 hrs.)	
Cognate Total		9
Minor**		18
Degree Total		120

M.B.A. Fast Track Program (FTP)

The Fast Track Program allows ORU senior students to enroll concurrently in graduate courses and apply those hours toward a Master of Business Administration degree (MBA) provided they have been accepted into the MBA program in their senior year. To participate in the MBA Fast Track Program, a student needs to apply to the College of Business graduate admissions. General criteria used for acceptance include a 3.00 GPA and an approved undergraduate major.

Business Minor

ACT 215	Principles of Financial Accounting I	3
BUS 201	Principles of Economics I (This will count as the Social Science elective.)	3
MGT 130	Principles of Management	3
MKT 130	Principles of Marketing	3
	<i>For the elective section of the minor, students need to take the following courses:</i>	
ACT 216	Principles of Financial and Managerial Accounting II	3
BUS 325	Business Law I	3
Total		18

Leveling Courses**

BUS 202	Principles of Economics II	3
BUS 372	Business Ethics	3
FIN 338	Financial Management	3
MGT 341	Business Communications	3
Leveling Total		12

**Students may use their undergraduate electives to fulfill the leveling course requirements.