

ORAL ROBERTS UNIVERSITY
 DEGREE: **Bachelor of Science**
 MAJOR: **Computer Information Technology (CIT)**

DEGREE PLAN SHEET 2012-2013
Computer Information Technology (CIT)
Engineering, Computer Science, Physics,
& Mathematics Department

TOTAL HOURS REQUIRED 128
 Hours in general education 55-56
 Hours in major 36
 Hours in cognate 9
 Hours in minor 17-18
 Hours in electives 7-13

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

SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE	COURSE TITLE	CREDIT HOURS
FRESHMAN Semester 1				FRESHMAN Semester 2			
_____	COMP 102	Reading/Writing in Liberal Arts	3	_____	HUM _____	* Humanities elective	3
_____	HUM 103	Christian Worldview & Culture	3	_____	COM 101	Oral Communication	3
_____	MAT 114/201 ¹	Math Analysis II/Calculus I	3-4	_____	CSC 255	Data Structures	3
_____	CSC 111	Introduction to Computing	3	_____	_____	² Laboratory Science	4
_____	THE 103	Spirit-Empowered Living@	3	_____	_____	³ Social Sciences elective	3
_____	HPE 001	Health Fitness I	1	_____	HPE 002	Health Fitness II	1
_____	GEN 099	Whole Person Assessment	0				17
_____	PRF 070	Swimming Proficiency	0				
			16-17				

¹MAT 114 is 3 hours; MAT 201 is 4 hours.

²If PHY 111 is taken, MAT 201 is a prerequisite.

³Choice of one of the following: PSY 201, SOC 201, BUS 201, or FIN 244.

SOPHOMORE Semester 3				SOPHOMORE Semester 4			
_____	HUM _____	* Humanities elective	3	_____	HUM _____	* Humanities elective	3
_____	MAT 208	Elementary Discrete Mathematics	3	_____	GOV 101	American Government	3
_____	CIT 216	Project Management	3	_____	CIT/CSC _____	Elective	3
_____	_____	Laboratory Science	4	_____	HIS 101	American History	3
_____	BLIT 110	Survey of Old Testament Literature	3	_____	BLIT 120	Survey of New Testament Literature	3
_____	HPE _____	[^] Swimming- May be replaced by HPE activity if swimming proficiency has been passed.	0.5	_____	HPE _____	[^] HPE Activity	0.5
			16.5				15.5

JUNIOR Semester 5				JUNIOR Semester 6			
_____	_____	Elective	3	_____	COMP 303	Critical Reading and Writing	3
_____	CIT 304	System Analysis/Design	3	_____	CIT 442	Information System Security	3
_____	CIT 306	Database Development	3	_____	CSC 341	Internet Programming	3
_____	_____	# Minor	3	_____	CSC 441	Data Communication	3
_____	MAT 232/325 ⁴	Statistics	3	_____	_____	# Minor	2-3
_____	HPE _____	[^] HPE Activity	0.5	_____	CSC 300	Senior Paper/Project Preparation	1
			15.5	_____	HPE _____	[^] HPE Activity	0.5
							15.5-16.5

⁴MAT 325 counts towards a mathematics minor; MAT 232 does not.

SENIOR Semester 7				SENIOR Semester 8			
_____	CSC 499	Senior Paper/Project	2	_____	CMPE 443	Computer Architecture	3
_____	CIT/CSC _____	Elective (Upper Division)	3	_____	CIT/CSC _____	Elective (Upper Division)	3
_____	_____	# Minor	3	_____	_____	Recommended Internship	
_____	_____	# Minor	3	_____	_____	# Minor	3
_____	_____	# Elective	3	_____	_____	# Minor	3
_____	_____	# Elective	3	_____	_____	Elective	3
_____	HPE _____	[^] HPE Activity	0.5	_____	HPE _____	[^] HPE Activity	0.5
			17.5				15.5

- * Chosen from the list of humanities (HUM) options on the back.
 # Students pursuing an MBA Fast Track Program (FTP), need to substitute these courses with the MBA FTP courses listed on back.
 ## HPE requirements are one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives.
 ^ HPE courses are 1 credit hour each, but students can petition to take it for .5 credits. Course work remains the same.
 @ THE 103 is taught only in the "Fall" semester.

General Education		Credit Hours
Whole Person Assessment (GEN 099)		0
Oral Communication (COM 101)		3
English (COMP 102, COMP 303)		6
Humanities (HUM 103 plus three of the following: HUM 222*, 233*, 244*, 333*, 250, 255, 260, 270, ART 103, 104, MUS 300, DRAM 215, COMP 101)		12
*At least one course must be chosen from courses marked with asterisks.		
Mathematics (MAT 114 or MAT 201)		3-4
Biblical Literature (BLIT 110 & 120)		6
Theology (THE 103)		3
Laboratory Sciences (two lectures & labs chosen from biology, chemistry, & physics)		8
American History (HIS 101)		3
American Government (GOV 101)		3
Social Sciences (Choice of PSY 201, FIN 244, SOC 201, or BUS 201)		3
Health, Physical Education, & Recreation (Health Fitness I and II, swimming course or proficiency and six electives.)**		5

General Education Total**55-56****Major**

CSC	111	Introduction to Computing	3
CIT	216	Project Management	3
CIT/CSC		Elective	3
CIT	304	System Analysis/Design	3
CIT	306	Database Development	3
CIT/CSC		Elective (Upper Division)	3
CIT	442	Information System Security	3
CMPE	443	Computer Architecture	3
CSC	300	Senior Paper Preparation	1
CSC	341	Internet Programming	3
CSC	441	Data Communications	3
CIT/CSC		Elective (Upper Division - Recommended Internship)	3
CSC	499	Senior Paper/Project	2

Major Total**36****Cognate**

CSC	255	Data Structures	3
MAT	208	Elementary Discrete Mathematics	3
Choice of one of the following:			3
MAT	232	Elementary Statistics (does not count in math minor.)	
MAT	325	Probability and Statistics	

Cognate Total**9****Minor**

Choice of one of the following minors (others upon approval):

General Business		18
Mathematics		17

Minor Total**17-18****Electives******9-11****Degree Total****128****MBA Fast Track Program (FTP)**

Students interested in an MBA (Master of Business Administration) may choose the general business minor and leveling courses (below) in preparation to earn the B.S. & MBA degrees within five years.

(Contingent upon acceptance into the MBA FTP in senior year.)

Minor

ACT	215	Principles of Financial Accounting I	3
BUS	201	Principles of Economics I	3
MGT	130	Principles of Management	3
MKT	130	Principles of Marketing	3
ACT	216	Principles of Accounting II	3
BUS	325	Business Law I	3

Total**18****Leveling Courses for MBA FTP****

FIN	338	Financial Management	3
BUS	372	Business Ethics	3

Leveling Total**6****MBA FTP Total****24**

*Electives may be used to meet the leveling requirements for the MBA FTP.

**After passing HPE 001 and 002, students must take and pass 1 activity course per full-time semester at ORU.