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

Technology (CIT)

DEGREE PLAN SHEET 2013-2014
Engineering, Computing, Physics and 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

Z#   Date

Phone   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 and Culture	3	_____	COM	101	Oral Communication	3
_____	MAT	106/201	Trigonometry/Calculus I[1]	3-4	_____	CSC	255	Data Structures	3
_____	CSC	111	Introduction to Computing	3	_____	____	____	Laboratory Science	4
_____	THE	103	Spirit-Empowered Living	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					

[1]MAT 106 is 3 hours; MAT 201 is 4 hours

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			SOPHOMORE Semester 3					**SOPHOMORE Semester 4**	
_____	HUM	____	Humanities Elective*	3	_____	HUM	____	Humanities Elective*	3
_____	MAT	208	Elementary Discrete Mathematics	3	_____	GOV	101	American Government & Politics	3
_____	CIT	216	Project Management	3	_____	CIT/CSC	____	Elective	3
_____	____	____	Laboratory Science	4	_____	HIS	101	American History Survey	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

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			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	Statistics[4]	3	_____	____	____	Minor#	3
_____	HPE	____	HPE Activity^	0.5	_____	CSC	300	Senior Paper/Project Preparation	1
				15.5	_____	HPE	100	HPE Activity^	0.5
									16.5

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

SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS	SEMESTER TAKEN	COURSE CODE		COURSE TITLE	CREDIT HOURS
			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#	1	_____	____	____	Elective#	3
_____	HPE	____	HPE Activity^	0.5	_____	HPE	____	HPE Activity^	0.5
				15.5					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 courses are 1 credit hour each, but students can petition to take them for .5 credits. Course work remains the same.

BS in Computer Information Technology (CIT)

<u>General Education</u>	Credit Hours
Whole Person Assessment (GEN 099)	0
English (COMP 102, COMP 303)	6
Oral Communication (COM 101)	3
Humanities (HUM 103 plus three of the following: HUM 222*, 233*, 244*, 333*, 250, 255, 260, 270, COMP 101)	12
*At least one course must be chosen from courses marked with asterisks.	
Mathematics (MAT 106 or MAT 201)	3-4
Biblical Literature (BLIT 110, 120)	6
Theology (THE 103)	3
Laboratory Sciences (two lectures and labs)	8
American History Survey (HIS 101)	3
American Government & Politics (GOV 101)	3
Social Sciences Elective (Choice of one of the following: PSY 201, MUS 208, SWK 202, SOC 101, SOC 201, SOC 323, BUS 201 or FIN 244)	3
Health, Physical Education, and Recreation (one course per full-time semester at ORU, including HPE 001 and 002, swimming course or proficiency, and electives.)	5
General Education Total	**55-56**

Major

			Credit Hours
CIT	216	Project Management	3
CIT	304	System Analysis/Design	3
CIT	306	Database Development	3
CIT	442	Information System Security	3
CMPE	443	Computer Architecture	3
CSC	111	Introduction to Computing	3
CSC/CIT	_____	Elective	3
CSC/CIT	_____	Elective (300-400 level)**	6
CSC	300	Senior Paper Preparation	1
CSC	341	Internet Programming	3
CSC	441	Data Communications	3
CSC	499	Senior Paper/Project	2
		Major Total	**36**

**CIT 450 Internship is recommended; can be taken twice.

Cognate

			Credit Hours
CSC	255	Data Structures	3
MAT	208	Elementary Discrete Mathematics	3
Choice of two of the following courses:			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):

	Credit Hours
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 enter a MBA program (contingent upon acceptance into the MBA FTP in their senior year).

Business Minor

			Credit Hours
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

For the elective section of the minor, students need to take the following courses:

			Credit Hours
ACT	216	Principles of Financial and Managerial Accounting II	3
BUS	325	Business Law I	3
		Total	**18**

Leveling Courses

			Credit Hours
BUS	372	Business Ethics	3
FIN	338	Financial Management	3
(Electives may be used.)		**Leveling Total**	**6**
		MBA FTP Total	**24**