

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

**DEGREE PLAN SHEET 2011-2012**  
**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
<b>FRESHMAN Semester 1</b>				<b>FRESHMAN Semester 2</b>			
_____	COMP 102	Reading/Writing in Liberal Arts	3	_____	HUM _____	* Humanities elective	3
_____	HUM 101	Humanities: Humanitas	3	_____	COM 101	Oral Communication	3
_____	MAT 114/201 <sup>1</sup>	Math Analysis II/Calculus I	3-4	_____	CSC 255	Data Structures	3
_____	CSC 111	Introduction to Computing	3	_____	_____	<sup>2</sup> Laboratory Science	4
_____	THE 103	Spirit-Empowered Living	3	_____	_____	<sup>3</sup> 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				

<sup>1</sup>MAT 114 is 3 hours; MAT 201 is 4 hours.

<sup>2</sup>If PHY 111 is taken, MAT 201 is a prerequisite.

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

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

<b>JUNIOR Semester 5</b>				<b>JUNIOR Semester 6</b>			
_____	_____	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 <sup>4</sup>	Statistics	3	_____	_____	# Minor	2-3
_____	HPE _____	<sup>^</sup> HPE Activity	0.5	_____	CSC 300	Senior Paper/Project Preparation	1
			15.5	_____	HPE _____	<sup>^</sup> HPE Activity	0.5
							15.5-16.5

<sup>4</sup>MAT 325 counts towards a mathematics minor; MAT 232 does not.

<b>SENIOR Semester 7</b>				<b>SENIOR Semester 8</b>			
_____	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 _____	<sup>^</sup> HPE Activity	0.5	_____	HPE _____	<sup>^</sup> 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.

		<b>Credit Hours</b>
<b>General Education</b>		
Whole Person Assessment (GEN 099)		0
Oral Communication (COM 101)		3
English (COMP 102, COMP 303)		6
Humanities (HUM 101 plus three of the following: HUM 222*, 233*, 244*, 301*, 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
<b>General Education Total</b>		<b>55-56</b>
<b>Major</b>		
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
<b>Major Total</b>		<b>36</b>
<b>Cognate</b>		
CSC 255	Data Structures	3
MAT 208	Elementary Discrete Mathematics	3
Choice of <b>one</b> of the following:		3
MAT 232	Elementary Statistics (does not count in math minor.)	
MAT 325	Probability and Statistics	
<b>Cognate Total</b>		<b>9</b>
<b>Minor</b>		
Choice of one of the following minors (others upon approval):		
General Business		18
Mathematics		17
<b>Minor Total</b>		<b>17-18</b>
<b>Electives**</b>		<b>9-11</b>
<b>Degree Total</b>		<b>128</b>
<b>MBA Fast Track Program (FTP)</b>		
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.)		
<b>Minor</b>		
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
<b>Total</b>		<b>18</b>
<b>Leveling Courses for MBA FTP**</b>		
FIN 338	Financial Management	3
BUS 372	Business Ethics	3
<b>Leveling Total</b>		<b>6</b>
<b>MBA FTP Total</b>		<b>24</b>

\*\*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.