

# BS: Information Technology 2007 – 2008

Catalog Expires in August 2013

Name: \_\_\_\_\_ Banner I.D. Number: \_\_\_\_\_  
 H.S. For. Lang. \_\_\_\_\_ H.S. Science \_\_\_\_\_ COMPASS score \_\_\_\_\_ ACT: \_\_\_\_\_ SAT: \_\_\_\_\_

FR Fall 16 hrs	★BIBL 101 Life & Teachings of Jesus	★ENGL 111 Composition & Rhetoric [SAT=470, ACT=19]	MATH 109 Pre-Calculus I or MATH 130 Finite Math [SAT = 500, ACT= 20]	COMS 111 Fundamentals of Communication	*IT 120 (C) Intro. to Information Technology (should be <b>first</b> course taken for major)	★UNIV 100 University Seminar 1 hr	<p><b>Required only if a condition of Admission:</b></p> <ul style="list-style-type: none"> <li>◆UNIV 011 (2)</li> <li>◆UNIV 012 (1)</li> </ul> <p><b>Requirement based on COMPASS tests:</b> Beginning Math course based on entering COMPASS score</p> <p>ENGLISH: ◆ENGL 003 (2) &amp; ◆ENGL 004 (1) ----- ENGL 106 (2) &amp; ◆ENGL 006 (1) ENGL 107 (2) &amp; ◆ENGL 007 (1)</p> <p>◆ <b>Courses will NOT count toward final graduation hours</b></p>
FR Spring 16 hrs	★BIBL 102 Acts – Revelation	●LITERATURE [Engl 111, 112]	●HISTORY 100-299 level	*IT 125 (C) Web Development I [CS 115 or 120]	*CS 115 (C) Intro. to Programming	★EXSC 100 Lifetime Wellness 1 hr	
SO Fall 16 hrs	●BIBL 211 Message of the Old Testament	SCIENCE Non-Major	*IT 220 (C) Intro. to Databases & Database Mgmt. Sys. [CS 115]	Concentration Selection (see back for details)	*CS 120 (C) Programming I [CS 115]	Exercise Science Activity – 1 hr	
SO Spring 18 hrs	●BIBL 212 Christianity & Culture	●FINE ART Art 101, Musm 230, Thea 220 or 250	ECON 261 Microeconomics	Concentration Selection (see back for details)	*CS/IT 221 (C) Fundamentals of Networks and Data Comm. [CS 115]	MATH 131 Calculus for Applications [Math 121, 130 or COMPASS placement]	
JR Fall 16 hrs	●BIBLE Elective 300 – 499 level	●SOCIAL SCIENCE (Anth, Econ, Educ 221, Geog, Hist, Pols, Psyc, or Soci)	Choose <b>one</b> : MATH 377: Statistical Methods [Math 131 or 185] <b>Fall only</b> IS 322: Bus. Statistics [Math 130]	Concentration Selection (see back for details)	*IS 405 Systems Analysis and Design <b>Fall</b>	Exercise Science Activity – 1 hr	
JR Spring 15 hrs	PHIL 486 Ethics <b>Spring only</b>	●FREE ELECTIVE 3 hrs.	*IT 310 (C) Intro. to Computer & Information Security [IT 221]	Concentration Selection (see back for details)	*Adv. Selection 300-499 level (see back for choices)	<p><b>Required only if unsatisfactory in High School:</b></p> <p>SCIENCE 3 hrs</p> <p>FOREIGN LANGUAGE 6 hrs</p>	
SR Fall 16 hrs	SCIENCE (Different Field)	*Adv. Selection 300-499 level (see back for choices)	*Adv. Selection 300-499 level (see back for choices)	Concentration Selection (see back for details)	ENGL 326 Bus. & Prof. Writing [Engl 111, 112, Lit, and Jr. standing]		
SR Spring 15 hrs	●FREE ELECTIVE 3 hrs.	*MGMT 459 Project Mgmt. [Mgmt 330, 331*] <b>Spring</b>	*Adv. Selection 300-499 level (see back for choices)	Concentration Selection (see back for details)	*IS 430 Mgmt. of Info. & Tech. Resources (see note on back) <b>Spring</b>	<b>Total Hours = 128</b>	

[Prerequisite courses required prior to, not concurrently] ★Freshman Requirement (C) = minimum grade in foundational courses \* = Mgmt 331 is NOT required by degree ●This course or it's equivalent is offered at one of ACU's semester-long Study Abroad sites. Those planning to study abroad should save these courses. See [www.acu.edu/study-abroad](http://www.acu.edu/study-abroad) for updated courses.

**Note: Failure to do the following may result in a delay of graduation.**

1. Plan schedules carefully, so as to fulfill all pre-requisites for the next semester's courses. Approval of pre-requisite waivers will be granted only under *extreme* circumstances.
2. Check with your academic advisor before changing the sequence of courses since some are not offered every semester.
3. Check your account early to allow time to eliminate any hold that might prevent pre-registration.
4. Pre-register early to secure prime time slots for your classes.

**12 hours Advanced IT Directed Elective selections:** *choose 4 courses from the following list. Prereqs apply.*

CS 320: Database Programming & Design **Spring**

CS 420: Networks & Distrib. Computing **[CS 220, 221 and 332] Fall ODD**

IS 330: Bus. Geographic Info. Systems **Spring EVEN**

IS 415: eCommerce **Fall**

IT 300-499 level courses (for which prerequisites have been met)

MKTG 432 Data Mining **[IS 322 or Math 377] Fall & Spring, beginning Fall 2008**

#### **Concentration Selections - 18 hours**

A student may insert any minor offered by ACU (some minors may require more than 18 hours to complete – please check with advisor for details)

**OR**

An approved 6-course (18 hours) area of emphasis (excluding Business and courses used to satisfy other degree requirements) recommended by faculty advisor.

#### **Other important notes:**

***As of 4-18-07, IS 430: Mgmt. of Info. & Tech. Resources is NOT a writing-intensive class so please check with advisor for updates concerning this degree requirement***

**Minimum GPA in major = 2.00**

**Minimum GPA for graduation = 2.00**

**Minimum advanced hours = 33**

**Minimum total hours required for graduation = 128**

Possible occupations for Information Technology majors include the following:

- Network engineer
- Systems manager or administrator
- Network operations center coordinator
- IT support specialist
- Internet or web developer
- Data communications specialist
- Technical architect
- Application developer
- Software configuration manager
- Project manager
- Systems engineer
- Security specialist
- Data warehouse architect
- Integration analyst
- Field operations specialist