

Name: _____

Acad. Advisor: _____

ID#: _____

Date: _____

BYU-H GENERAL EDUCATION REQUIREMENTS

Bachelors Degree 2007-2009 *revised 4/9/08 mc*

AREA I - BASIC SKILLS

Fundamental Math Requirement (choose one)

1. Achieve score of 22+ on ACT math test. _____
2. Achieve score of 500+ on SAT math test _____
3. Achieve score of 26+ on combination of ACT Pre-Algebra/Elem Alg section and Int Alg/Coord Geom section of ACT Mathematics Test _____
4. Pass the BYUH departmental exam at testing center. _____
5. Pass Math 106 - Mathematical Reasoning & Problem Solving or any higher level math class. _____

Choose Quantitative & Logical Reasoning OR

Second Language Acquisition

A. Math Track - Quantitative & Logical Reasoning 3-5 cr)

Can be completed by testing out of or taking one of following:

1. Statistics: Math 221, Socw 487, or Psyc 205 _____
2. Calculus: Math 112, Math 113, or Math 119 _____
3. Discrete Mathematics: CIS 205 & 205L _____
4. Any upper division math course (300 or 400 level) _____

B. Language Track - Second Language Acquisition (0-12)

Can be fulfilled in any one of following ways: 101 _____

1. Pass language course at 201 level. 102 _____
2. Credit by examination thru the 201 level. 201 _____
3. Test out of 201 level without credit. _____
4. Certify English Competence (non-native speakers) by:
 1. Complete EIL program. _____
 2. Demonstrate English proficiency above EIL level _____
5. Complete Music Theory through MUSC 212 & 212L _____

Basic Reading/Writing/Speaking (3)

English 101 (3) _____

Health & Physical Education (2-3)

EXS 177 (1) Fitness for Life (or EXS 129 (2)) _____

EXS 100 Elective (1) (required in addition to 177 or 129) _____

Recommended electives to sharpen your skills for success in college life:

STDEV 101 (2) and/or STDEV 102 (1) - Student Life

IS 100 (3) or IS 190L (1) - Computer Skills

AREA II - FUNDAMENTAL KNOWLEDGE

Ideas & Philosophical Underpinnings of Civilization (6)

1. Literary Expression (3)

English 201 _____

2. Artistic Expression (3) (choose one)

- | | | |
|----------------------|----------------------------------|-------|
| Art 220 (3) | ICS 261 (3) Oceania | _____ |
| Art 255 (3) | ICS 262 (3) Asia | _____ |
| Art 296 (3) | ICS 266 (3) Latin America | _____ |
| Music 101 (3) | World Humanities Culture 101 (3) | _____ |
| Music 102 (3) | World Humanities Culture 102 (3) | _____ |
| Music 103 (3) | World Humanities Culture 201 (3) | _____ |
| Hawn Studies 101 (3) | World Humanities Culture 202 (3) | _____ |
| Theater 115 (3) | | _____ |

Introduction to the Natural World (6)

A. Biological Science (3) (choose one)

Biology 100 (3) Biology 201+ 201L (4) _____

Biology 206 + 206L (4) Biology 220 + 220L (4) _____

B. Physical Science (3) (choose one)

Astronomy 104 (3) Phy. Science 100 (3) _____

Chemistry 100 (3) Physics 100 (3) _____

Chemistry 105 (3) Physics 105 (3) _____

Geology 105 (3) Physics 121 (3) _____

Intro. to the Human Environment (3) (choose one)

Anthropology 105 (3) History 121 (3) _____

Communications 110 (3) PAIS 105 (3) _____

Economics 110 (3) Political Sc. 110 (3) _____

Economics 200 (3) Political Sc. 170 (3) _____

Economics 201 (3) Psychology 111 (3) _____

Geography 101 (3) Sociology 111 (3) _____

History 120 (3) Social Work 160 (3) _____

AREA III - SYNTHESIS

History of Civilizations (6) (complete both)

History 201 (3) World Communities to 1500 AD _____

History 202 (3) World Communities since 1500 AD _____

(Prerequisite is Engl 101)

Advanced Writing (0-3)

English 314, 315, or 316 (3) _____

OR approved Senior Seminar _____

(Prerequisites are Engl 101, Engl 201 and Jr status recommended)

Interdisciplinary (3)

IDS _____ (3) Interdisciplinary Studies _____

Note: Students will choose from a variety of courses which transcend the artificial divisions of scholarly disciplines. These courses will frequently be team taught, using the expertise and resources of several academic areas. (Prerequisites are Engl 101, Engl 201, Hist 201, Hist 202 and completion of 60 or more credits)

UNIVERSITY REQUIREMENTS

Religion (14)

Religion 121 (2) Book of Mormon I _____

Religion 122 (2) Book of Mormon II _____

Religion 211 or 212 (2) New Testament I or II _____

Religion 324 or 325 (2) D & C I or II _____

Religion Elective _____ (2) _____

Religion Elective _____ (2) _____

Religion Elective _____ (2) _____

Total required hours for graduation

120

Bachelors in Computer & Information Sciences

March 2008 · BCIS

Name _____ ID# _____ Graduation Date: _____

Required courses for admission to the major (15 hours)

Course#	Title	Cr	Prerequisites	Offered	Semester or Term	Grade
CIS 101	Beginning Programming	3	None	F W Sp		
CIS 201 or CIS 202	Web Programming Object Oriented Programming I	3	CIS 101, Math 106 or 110 CIS 101, CIS 205/L, Math 110	F W Sp		
CIS 205/L	Discrete Mathematics I / Lab	3	CIS 101, Math 110	F W Sp		
IT 280/L	Data Communications / Lab	3	CIS 101	F W Sp		
Lower division CS/IS/IT:		3				

To be accepted into this major, you must pass all courses listed above with a C or better. You must also have a cumulative GPA of 2.0 or higher.

_____ Academic Advisor / date

_____ Accepted into the major: CIS Program Chair / date

Core Requirements (17 - 18 hours) classes marked "MO" are for admitted majors only

Course #	Title	Cr	Prerequisites	MO	Offered	Semester or Term	Grade
CIS 206/L or Math 119	Discrete Mathematics II / Lab Calculus (or Math 112 or Math 113)	3 4	CIS 205/L		F W Sp F (F W)		
Math 221	Principles of Statistics I	3	Math 106 or 110		F W Sp Su		
IS 350	Database Management	3	CIS 101	♦	F W		
CIS 305	Systems Engineering I	3	CIS 201 or 202, Co/Prereq: IS 350	♦	F W		
CIS 405	Systems Engineering II	3	CIS 305	♦	F W		
CIS 470	Ethics in Computer & Info. Sciences	2	CIS 405 or Senior Standing	♦	F W Sp		

Content Area Electives (18 additional hours)

- Any additional CIS, CS, IS, IT courses
- Any IDD courses.
- Up to one additional lab-based course in Science beyond General Education Requirements
- Up to one additional course in Mathematics numbered 112 or above

Advanced CIS Electives (15 additional hours) Upper-division CS, IS or IT courses.

- 1) One grade of D+, D, or D- may be applied toward a Computer Information Systems major.....
- 2) One retake is allowed per class, for up to three classes. Additional retakes require special permission.....
- 3) A department-approved assessment test must be taken during your last full semester at BYUH, and is recommended annually.....