



COLLEGE OF TECHNOLOGY AND COMPUTING  
 INFORMATION SYSTEMS AND TECHNOLOGY DEPARTMENT  
**ASSOCIATE IN SCIENCE DEGREE**  
 INFORMATION SYSTEMS and TECHNOLOGY

*DISCIPLINE CORE REQUIREMENTS*

COURSE NO	COURSE TITLE	PREREQUISITE	CR	GR	SEM
INFO 1120	Information Systems & Technology Fundamentals	(INFO 1100 grade of C- or better) or (Computer Literacy Exam score of 70% or higher)	3.0		
INFO 1200	Computer Programming I for IS/IT	INFO 1120, MAT 1010, (INFO 1000 or Prog. Aptitude test)	3.0		
INFO 1420	Computer Architecture and Systems Software	INFO 1120	3.0		
INFO 1510	Introduction to System Administration - -Linux/UNIX	INFO 1420 or CS 1030 or CS 1400	3.0		
INFO 2050	Database Fundamentals	INFO 1200	3.0		
INFO 2200	Computer Programming II for IS/IT	INFO 1200, 2050, MATH 1050 or higher	3.0		
INFO 2450	Web Application Design	INFO 2100 or Computer Literacy	3.0		
MATH 1100	Introduction to Calculus	MATH 1050 (Min. grade of C, within 2 yrs.)	4.0		

*GENERAL EDUCATION REQUIREMENTS*

ENGL 1010	Introduction to Writing	COMPASS Writing/DRP scores of 80+/77+, or ACT English/ACT Reading scores of 19 +/19+, or completion of ENGH 0990 and CLSS 1170 each with a grade of "C-" or higher, or appropriate placement scores, or challenge by essay assessment for a \$20 fee.	3.0		
ENGL 2010 or ENGL 2020	Intermediate Writing Humanities/Social Sciences or Intermediate Writing Science/Technology	ENGL 1010 ENGL 1010	3.0		
MATH 1050	College Algebra (or AP Math Test score of 3 or higher)	MAT 1010 (Min. grade of C, within 2 yrs.)	4.0		
American Institutions: HIST 1700 American Civilization or HIST 1740 US Economic History or POLS 1000 American Heritage or POLS 1100 American Natl Govt or HIST 2700 & 2710 US History			3.0		
PHIL 2050	Ethics & Values	ENGL 1010	3.0		
HLTH 1100 Personal Health and Wellness or PES 1097 Fitness for Life			2.0		
Humanities Distribution (choose from list)			3.0		
Fine Arts Distribution (choose from list)			3.0		
ECON 2020	Macroeconomics (fulfills Social/Behavioral Science)	MATH 1050	3.0		
Biology Distribution (choose from list)			3.0		
Physical Science Distribution (choose from list)			3.0		
Biology or Physical Science Distribution (choose from lists)			3.0		
<b>Total Credits Required for Degree</b>			<b>61.0</b>		

\* NOTE: Overall GPA or 2.0 or above with a minimum GPA of 2.5 in all discipline core, specialty core, and elective courses with no grade lower than a C-.



**HUMANITIES (HH)**  
 AMST 2000 Intro to American Studies  
 ASL 2020 Intern Am. Sign Lang II  
 CHIN 2020 Intermediate Chinese II  
 COMM1020Public Speaking  
 COMM 1050 Intro to Speech Comm  
 COMM 1130Writing Mass Media  
 COMM 1500 Intro to Mass Comm  
 COMM 2010 Mass Commun. & Society  
 ENGL 2030 Rhetoric of Persuasion  
 ENGL 2130 Science Fiction  
 ENGL 2200 Intro to Literature  
 ENGL 2210 Intro to Folklore  
 ENGL 2230 Myths/Legends in Lit  
 ENGL 2250 Creat Proc/Image Writing  
 ENGL 2300 Shakespeare  
 ENGL 2310 Technical Communication  
 ENGL 2510 American Lit before 1865  
 ENGL 2520 American Lit after 1865  
 ENGL2600 Critical Intro to Literature  
 ENGL 2610 Brit Lit before 1800  
 ENGL 2620 Brit Lit after 1800  
 ENGL 3760 World Literature  
 FREN 2020 Intermediate French II  
 GER 2020 Intermediate German II  
 HUM 1010 Humanities through the Arts  
 HUM 2010 Arts in Humanistic Traditions I  
 HUM 2020 Arts in Humanistic Traditions II  
 IS 3000 Intro to Integrated Studies  
 JPNS 2020 Intermediate Japanese II  
 PHIL 1000 Intro to Philosophy  
 PHIL 1250 Logical Thinking,Philosophical Writing  
 PHIL 1610 Western Religions  
 PHIL 1620 Eastern Religions  
 PHIL 2110 Ancient Philosophy  
 PHIL 2130 Medieval Philosophy  
 PHIL 2150 Early Modern Philosophy  
 PHIL 3400 Philosophy of Science  
 PHIL 3530 Environmental Ethics  
 PORT 2020 Intermediate Portuguese II  
 RUS 2020 Intermediate Russian II  
 SPAN 2020 Intermediate Spanish II

**FINE ARTS (FF)**  
 ART 1010 Introduction to Visual Art  
 ART 1050 Photography I  
 ART 1110 Drawing I  
 ART 1340 Introduction to Clay Sculpture  
 ART 1350 Introduction to Ceramics  
 ART 1630 Landscape Painting  
 ART 1650 Watermedia I  
 ART 1680 Fundamentals of Fiber Design  
 ART 1690 Glass Design and Construction  
 ART 1700 Process of Jewelry/ Metal Dsn  
 ART 1720 Architectural Rendering  
 ART 2110 Drawing II  
 ART 2630 Painting I  
 ART 2710 Alternative Photography I  
 ART 2720 Color Photography  
 ART 3400 Fund of Art Education  
 ARTH 2710 Hist of Art to the Renaissance  
 ARTH 2720 Hist of Art from Renaissance  
 DANC 1010 Dance as an Art Form  
 DANC 2110 Orientation to Dance  
 MUSC 1010 Intro to Music  
 MUSC 3010 Music History/Literature I  
 MUSC 3020 Music History /Literature II  
 MUSC 1100 Fundamental of Music  
 To Be Taken With One of the Following:  
 MUSC 120R A Cappella Choir  
 MUSC 122R Chamber Choir  
 MUSC 124R UVU Concert Choir  
 MUSC 126R Show Choir (Encore)  
 MUSC 130R Symphonic Band  
 MUSC 132R Jazz Ensemble  
 MUSC 170R Symphony Orchestra  
 MUSC 172R Chamber Orchestra  
 THEA 1013 Intro to Theater  
 THEA 1023 Intro to Film  
 THEA 2313 Film History I  
 Complete 2 of the following to equal 1 Fine Arts Distribution course.\*  
 \*DANC 3400 Dance in Elem School  
 \*MUSC 3400 Music in Elementary School  
 \*THEA 3713 Child Theater in Elem School

**BIOLOGY(BB)**  
 BIOL 1010 General Biology  
 BIOL 1070 Genetics  
 BIOL 1200 Prehistoric Life  
 BIOL 1500 Biological Anthropology  
 BIOL 1610 College Biology I  
 \*BIOL 204R Natural History Excursion  
 BIOL 2500 Environment Biology  
 BOT 2050 Field Botany  
 BOT 2100 Flora of Utah  
 BOT 2400 Plant Kingdom  
 HLTH 3400 Human Diseases  
 MICR 2060 Microbiology for Health Prof  
 NUTR 2020 Nutrition Through Life Cycle  
 ZOOL 1090 Intro Human Anat/Phys  
 ZOOL 2320 Human Anatomy  
 ZOOL 2400 Animal Kingdom

**PHYSICAL SCIENCES (PP)**  
 ASTR 1040 Elementary Astronomy  
 CHEM 1010 Introduction to Chemistry  
 CHEM 1110 Elem Chem for Health Sc.  
 CHEM 1120 Elem Organic BioChemistry  
 CHEM 1210 Principles of Chemistry I  
 CHEM 1220 Principles of Chemistry II  
 GEO 1010 Intro to Geology  
 GEO 1020 Prehistoric Life  
 GEO 1080 Intro to Oceanography  
 GEO 1220 Historical Geology  
 \*GEO 204RNatural History Excursion  
 METO 1010 Intro to Meteorology  
 PHSC 1000 Survey of Physical Science  
 PHYS 1010 Elementary Physics  
 PHYS 1040 Elementary Astronomy  
 PHYS 1070 Cultural Astronomy in Our Lives  
 PHYS 1080 Life in the Universe  
 PHYS 2010 College Physics I  
 PHYS 2020 College Physics II  
 PHYS 2210 Phys Scien/Engr I  
 PHYS 2220 Phys Scien/ Engr II

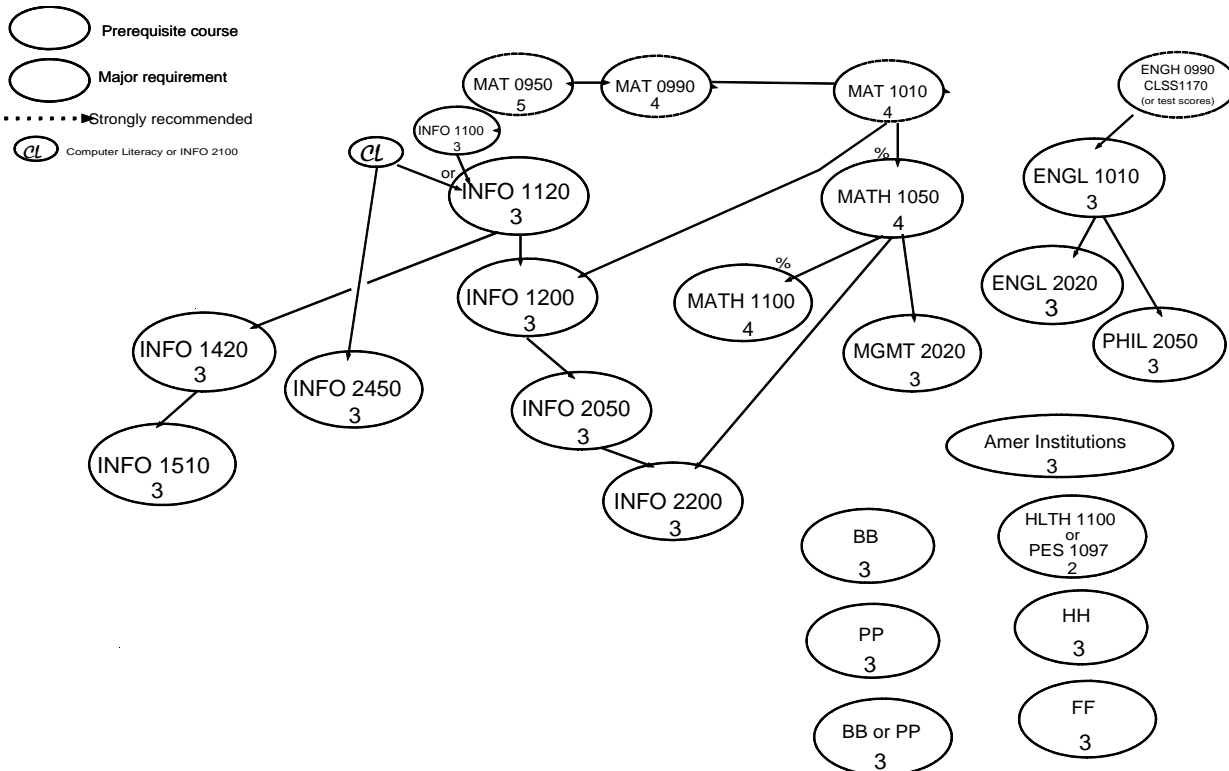
\*May be used as the third science only.  
 \*\* If not used as Core Requirement

## ASSOCIATE IN SCIENCE DEGREE INFORMATION SYSTEMS and TECHNOLOGY

Following is a diagram of a sequence which may be followed to complete the degree. Students should be aware that not all courses are taught every semester and that some courses require prerequisites. (Prerequisites may not be required for the credit, but the knowledge is necessary for successful completion of the next course.)

(Ex. MAT 1010 - Intermediate Algebra is a prerequisite for MATH 1050, but is not a major requirement and is listed inside the dotted line.)

The UVU catalog contains the descriptions and prerequisites for all courses.



%Minimum grade of C taken within the last two years required as prerequisite to MATH classes.