### ASSOCIATE OF SCIENCE (A.S.)
2014-2015 Catalog Year
COLLEGE OF TECHNOLOGY & COMPUTING

#### SEMESTER 1 – FALL

<table>
<thead>
<tr>
<th>COURSE NO</th>
<th>COURSE TITLE</th>
<th>CR</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1020** (FF)</td>
<td>Basic Drawing for Non-Majors (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>ENGL 1010 (CC)</td>
<td>Introduction to Writing (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>ENGL 0990 (C- or higher) or placement score</td>
</tr>
<tr>
<td>PES 1097** (FE)</td>
<td>Personal Fitness (Fall, Spring, &amp; Summer)</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>SURV 1020</td>
<td>Introduction to Geomatics (Fall Only)</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>EGDT 1040</td>
<td>Computer-Aided Drafting (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>EGDT 1400</td>
<td>Surveying (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td></td>
</tr>
</tbody>
</table>

Semester Total: 15.0

#### SEMESTER 2 – SPRING

<table>
<thead>
<tr>
<th>COURSE NO</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHIL 2050**</td>
<td>Ethics and Values (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>ENGL 1010; ENGL 2010/2020 highly recommended</td>
</tr>
<tr>
<td>BIOL 1010** (BB)</td>
<td>General Biology (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>ENGL 1010 with C or higher</td>
</tr>
<tr>
<td>GEOG 2100** (SS)</td>
<td>Geography of the United States (Spring Only)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>GIS 3600</td>
<td>Introduction to GIS (Spring Only) → [GEOG 3600 Fall Only]</td>
<td>4.0</td>
<td>EGDT 1400</td>
</tr>
<tr>
<td>MATH 1060</td>
<td>Trigonometry (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>MATH 1050 (F, Spr, &amp; Sum) with C or higher</td>
</tr>
</tbody>
</table>

Semester Total: 16.0

#### SEMESTER 3 – FALL

<table>
<thead>
<tr>
<th>COURSE NO</th>
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<th>CR</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 2050** (BB)</td>
<td>Field Botany (Fall Only)</td>
<td>3.0</td>
<td>BIOL 1010 or BOT 2400</td>
</tr>
<tr>
<td>ENGL 2020** (CC)</td>
<td>Intermed. Writing-Science &amp; Technology (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>ENGL 1010 with grade of C- or higher</td>
</tr>
<tr>
<td>MATH 1100 (QL)</td>
<td>Introduction to Calculus (Fall, Spring, &amp; Summer)</td>
<td>4.0</td>
<td>MATH 1050 with grade of C or higher</td>
</tr>
<tr>
<td>ENGL 2310</td>
<td>Technical Communication (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>EGDT 2400</td>
<td>Surveying Applications (Fall Only)</td>
<td>3.0</td>
<td>EGDT 1400 &amp; (MATH 1060 or EGDT 1600)</td>
</tr>
</tbody>
</table>

Semester Total: 16.0

#### SEMESTER 4 – SPRING

<table>
<thead>
<tr>
<th>COURSE NO</th>
<th>COURSE TITLE</th>
<th>CR</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 1740** (AS)</td>
<td>US Economic History (Fall &amp; Spring Only)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>COMM 1020** (HH)</td>
<td>Public Speaking (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>GEO 1010** (PP)</td>
<td>Introduction to Geology (Fall, Spring, &amp; Summer)</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>GIS 3620</td>
<td>Advanced GIS for Geomatics (Spring Only)</td>
<td>3.0</td>
<td>GIS 3600 or GEOG 3600</td>
</tr>
<tr>
<td>MATH 2040</td>
<td>Principles of Statistics (Fall, Spring, &amp; Summer)</td>
<td>4.0</td>
<td>Math 1050 with grade of C or higher</td>
</tr>
</tbody>
</table>

Semester Total: 16.0

**These Recommended Courses can be substituted with another suggested course for General Education Requirements – Check with your advisor!**

**NOTE:** For the **AS degree in Geomatics**, students must successfully complete the **Business Computer Proficiency** exam with 80% or higher or **complete DGM 2010** (3.0 credit hours) with B- or higher. All students planning on pursuing a BS degree in Geomatics must complete a **Matriculation Application by the last day of February during Semester 4** to get approval to enter the Geomatics Cohort (the final two years of the program).

Total Credits Required for Bachelor of Science in Geomatics Degree: **60 Credits**

Graduation Requirements:

1. Completion of a minimum of 60 or more semester credits required for a BS degree.
2. Overall grade point average 2.0 (C grade) or above.
3. Residency hours: minimum of 20 credit hours through course attendance at UVU.
4. Completion of GE and specified departmental requirements.
   - Students required to complete **Business Computer Proficiency** exam with score of 80% or higher or complete DGM 2010 with 80% or higher.

Visit the program website at: [www.uvu.edu/geomatics](http://www.uvu.edu/geomatics)

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**Disclaimer:** This is only an advising sheet to assist in the proper selection of courses to take and in no way represents the official UVU requirements as found in the catalog. It is the student’s responsibility to verify all coursework and degree requirements for this degree.
### GENERAL EDUCATION COURSE LIST
**GE Distribution List**

#### HUMANITIES (HH)
- AMST 2000 Intro to American Studies
- ASL 202G Intern. Am. Sign Lang II
- CHIN 202G Intermediate Chinese II
- CINE 2150 Crit Intro Cinema Studies
- CINE 217G Race Class Gender in US Cinema
- COMM 1020 Public Speaking
- COMM 1050 Intro to Speech Comm
- COMM 1200 Intro to Mass Comm
- COMM 217G Race Class and Gender in US Cinema
- ENGL 2030 Rhetoric of Persuasion
- ENGL 2130 Science Fiction
- ENGL 2150 Critical Intro Cinema Studies
- ENGL 217G Race Class Gender in US Cinema
- ENGL 2200 Intro to Literature
- ENGL 2230 Myths/Legends in Lit
- ENGL 2250 Create Proc/Image Writing
- ENGL 2300 Shakespeare
- ENGL 2310 Technical Communication
- ENGL 2510 American Lit before 1865
- ENGL 2520 American Lit after 1865
- ENGL 2600 Critical Intro to Literature
- ENGL 2610 Brit Lit before 1800
- ENGL 2620 Brit Lit after 1800
- ENGL 376G World Literature
- FREN 202G Intermediate French II
- GER 202G Intermediate German II
- HUM 101G Humanities through the Arts
- HUM 2010 Arts in Humanistic Traditions I
- HUM 201G Arts in Humanistic Traditions I
- HUM 202G Arts in Humanistic Traditions II
- HUM 202G Arts in Humanistic Traditions II
- JPNS 202G Intermediate Japanese II
- PHIL 1000 Intro to Philosophy
- PHIL 1250 Logical Thinking, Philosophical Writing
- PHIL 1620 College Biology I
- PHIL 2110 Ancient Philosophy
- PHIL 2130 Medieval Philosophy
- PHIL 2150 Early Modern Philosophy
- PORT 202G Intermediate Portuguese II
- RUS 202G Intermediate Russian II
- SPAN 202G Intermediate Spanish II

#### FINE ARTS (FF)
- ART 1010 Introduction to Visual Art
- ART 1050 Photography I
- ART 1110 Drawing I
- ART 1340 Sculpture I
- ART 1350 Ceramics I
- ART 1650 Watermedia I
- ART 1720 Architectural Rendering
- ART 3400 Fund of Art Education
- ARTH 2710 Hist of Art to Renaissance
- ARTH 2720 Hist of Art from Renaissance
- DANC 1010 Dance as an Art Form
- DANC 2110 Orientation to Dance
- EGD 1720 Architectural Rendering
- MUSC 1010 Intro to Music
- MUSC 1030 American Popular Music
- MUSC 1100 Fundamental of Music
- THEA 1013 Intro to Theater
- THEA 1023/1025 Intro to Film and Lab
- THEA 1033 Fundamentals of Acting
- THEA 2313 Film History I
- THEA 3713 Theatre and Drama Elem School

#### SOCIAL/BEHAVIORAL SCIENCES (SS)
- ANTH 101G Soc/Cult Anthropology
- ANTH 1020 Biological Anthropology
- ANTH 107G Multicultural Societies
- ANTH 180G Intro to Amer. Indian Studies
- ARQ 1100 Intro to Archaeology
- CJ 1010 Intro to Criminal Justice
- COMM 2110 Interpersonal Communication
- ECON 1010 Econ as Social Science
- ECON 2010 Microeconomics
- ECON 2020 Macroeconomics
- FAMS 1150 Marriage and Relationship Skills
- FIN 1060 Personal Finance
- GEOG 1300 Survey of World Geog
- GEOG 1400 Intro to Human Geography
- GEOG 2100 Geography of US
- HIST 1500 World History to 1500
- HIST 1510 World History from 1500-Present
- HIST 1700 American Civilization
- (If not used as Core Requirement)
- HIST 1740 US Economic History
- (If not used as Core Requirement)
- HIST 1805 Intro to American Indian Studies
- HIST 2700 US History to 1877
- (If not used as Core Requirement)
- HIST 2710 US History Since 1877
- HUM 101G Humanities through the Arts
- HUM 2010 Arts in Humanistic Traditions I
- HUM 201G Arts in Humanistic Traditions I
- HUM 202G Arts in Humanistic Traditions II
- HUM 202G Arts in Humanistic Traditions II
- JPN 202G Intermediate Japanese II
- PHIL 1000 Intro to Philosophy
- PHIL 1250 Logical Thinking, Philosophical Writing
- PHIL 1620 College Biology I
- PHIL 2110 Ancient Philosophy
- PHIL 2130 Medieval Philosophy
- PHIL 2150 Early Modern Philosophy
- PORT 202G Intermediate Portuguese II
- RUS 202G Intermediate Russian II
- SPAN 202G Intermediate Spanish II

#### PHYSICAL SCIENCES (PP)
- ASTR 1040 Elementary Astronomy
- ASTR 1050 Investigations of Solar Systems
- ASTR 1060 Investigation Stars/Galaxies
- ASTR 1070 Cultural Astronomy in Our Lives
- ASTR 1080 Life in the Universe
- CHEM 1010 Introduction to Chemistry
- CHEM 1110 Elem Chem for Health Sci.
- CHEM 1120 Elem Organic Bio Chemistry
- CHEM 1210 Principles of Chemistry I
- CHEM 1220 Principles of Chemistry II
- ENV 1110 Intro to Environmental Mgmt
- GEO 1010 Intro to Geography
- GEO 1020 Prehistoric Life
- GEO 1080 Intro to Oceano graphy
- GEO 1220 Historical Geology
- *GEO 204R Natural History Excursion
- GEOG 1000 Intro to Physical Geography
- METO 1010 Intro to Meteorology
- METO 1060 Climate of the Earth
- PHSC 1000 Survey of Physical Science
- PHYS 1010 Elementary Physics
- PHYS 1700 Descriptive Acoustics
- PHYS 1800 Energy You and the Environment
- PHYS 2010 College Physics I
- PHYS 2020 College Physics II
- PHYS 2110 Phys Scien/Engr I
- PHYS 2120 Phys Scien/Engr II
- TECH 1010 Understanding Technology

*May be used as the third science only.

#### AMERICAN INSTITUTIONS
- HIST 1700 American Civilization
- HIST 1740 US Economic History
- POLS 1000 American Heritage
- POLS 1100 American National Gov't
- HIST 2700 & HIST 2710 US History

#### GENERAL STUDIES
- Math 1030
- Or MATH 1040
- Or MATH 1050
- ENGL 1010
- ENGL 2010 Or ENGL 2020
- PHIL 2050 Ethics and Values
- HLTH 1100 Personal Health & Wellness
- OR PES 1097 Fitness for Life

GEDist Fall 13- MAR 21, 2014

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**Complete 2 of the following to equal 1 Fine Arts Distribution course:**

* DANC 3400 Dance in Elem School
* MUSC 3400 Music in Elementary School