

Information Systems, BSBA

BSBA, Information Systems Requirements (General Information Systems Concentration)

- BSBA degree requires 120 credit hours, an overall 2.0 GPA, and a GPA of 2.0 in the 45 credit hours in the Upper Division Business degree requirements and major requirements.
- 12 credit hours of 300 level and above must be taken in the major.
- 12 of the last 18 credit hours must be taken at UAH, with an overall 25% of coursework taken at UAH.
- Grade of C- or higher in MGT 499.
- No more than 60 credit hours from a two-year college can be applied toward a UAH degree.

For UAH degree requirements and graduation application instructions, see here (<http://catalog.uah.edu/undergrad/policies-procedures/application-graduation/>).

| Code | Title | Semester Hours |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Area I: Freshman Composition | | 3-6 |
| EH 101 or EH 101S | COLLEGE WRITING I COLLEGE WRITING I W/STUDIO | |
| EH 102 | COLLEGE WRITING II | |
| EH 103 | ACCELERATED COLLEGE WRITING | |
| EH 105 | HONORS ENGLISH SEMINAR | |
| Area II: Humanities and Fine Arts* | | 12 |
| Fine Arts | | 3 |
| ARH 100 | ARH SURV:ANCIENT-MEDIEVAL | |
| ARH 101 | ARH SURV:RENAISSANCE-MODERN | |
| ARH 103 | ARH SUR: WORLD ART | |
| ARS 160 | DRAWING: FOUNDATIONS | |
| TH 122 | THEATRE APPRECIATION | |
| TH 123 | INTRO TO FILM STUDIES | |
| MU 100 | INTRO TO MUSIC LITERATURE | |
| Literature | | 3-6 |
| EH 207 | READINGS LITERATURE/CULTURE I | |
| EH 208 | READINGS LITERATURE/CULTURE 2 | |
| EH 209 | HONORS SEM READINGS LIT/CUL I | |
| EH 210 | HONORS SEM READINGS LIT/CUL 2 | |
| EH 242 | MYTHOLOGY | |
| Humanities and Fine Arts | | 3-6 |
| CM 113 | Intro to Rhetorical Communication | |
| WLC 101S or WLC 101A or WLC 101F or WLC 101G or WLC 101J or WLC 101R | INTRO FOREIGN LANG I: SPANISH INTRO FOREIGN LANG I: ARABIC INTRO FOREIGN LANG I:FRENCH INTRO FOREIGN LANG I:GERMAN INTRO FOREIGN LANG I:JAPANESE INTRO FOREIGN LANG I:RUSSIAN | |
| WLC 102S or WLC 102A or WLC 102F or WLC 102G or WLC 102J or WLC 102R | INTRO FOREIGN LANG II:SPANISH INTRO FOREIGN LANG II: ARABIC INTRO FOREIGN LANG II:FRENCH INTRO FOREIGN LANG II:GERMAN INTRO FOREIGN LANG II:JAPANESE INTRO FOREIGN LANG II:RUSSIAN | |
| WLC 201S or WLC 201A | INTERM FOREIGN LANG:SPANISH INTERM FOREIGN LANG I: ARABIC | |

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| or WLC 201F | INTERM FOREIGN LANG:FRENCH | |
| or WLC 201G | INTERM FOREIGN LANG:GERMAN | |
| or WLC 201J | INTERM FOREIGN LANG: JAPANESE | |
| or WLC 201R | INTERM FOREIGN LANG:RUSSIAN | |
| WLC 202S | INTERM FOREIGN LANG II:SPANISH | |
| or WLC 202A | INTERM FOREIGN LANG II: ARABIC | |
| or WLC 202F | INTERM FOREIGN LANG II:FRENCH | |
| or WLC 202G | INTERM FOREIGN LANG II:GERMAN | |
| or WLC 202J | INTERM FORGN LANG II:JAPANESE | |
| or WLC 202R | INTERM FOREIGN LANG II:RUSSIAN | |
| WLC 204 | INTERNATIONAL CINEMA | |
| PHL 101 | INTRODUCTION TO PHILOSOPHY | |
| PHL 102 | INTRO TO ETHICS | |
| PHL 103 | INTRODUCTION TO LOGIC | |
| PHL 150 | TECH, SCIENCE & HUMAN VALUES | |
| WGS 200 | INTRO WOMEN'S & GENDER STUDIES | |
| AMS 229 | ANCIENT & MEDIEVAL WORLDS | |
| ARH 100 | ARH SURV:ANCIENT-MEDIEVAL | |
| ARH 101 | ARH SURV:RENAISSANCE-MODERN | |
| ARH 103 | ARH SUR: WORLD ART | |
| ARS 160 | DRAWING: FOUNDATIONS | |
| TH 122 | THEATRE APPRECIATION | |
| TH 123 | INTRO TO FILM STUDIES | |
| MU 100 | INTRO TO MUSIC LITERATURE | |
| Area III: Mathematics and Sciences | | 11-12 |
| Mathematics | | 3-4 |
| MA 105 | NATURE OF MATHEMATICS | |
| MA 107 | ALGEBRA WITH APPLICATIONS | |
| MA 110 | FINITE MATHEMATICS | |
| MA 112 | PRECALCULUS ALGEBRA | |
| MA 113 | PRECALCULUS TRIGONOMETRY | |
| MA 115 | PRECALCULUS ALGEBRA & TRIG | |
| MA 120 | MATH PROFESSIONAL APPLICATIONS | |
| MA 171 | CALCULUS A | |
| Natural Sciences (Lab) | | 8 |
| AST 100 | SURVEY OF ASTRONOMY | |
| AST 106 | EXPLORING THE COSMOS I | |
| AST 107 | EXPLORING THE COSMOS II | |
| BYS 109 | FUNDAMENTALS OF BIOLOGY | |
| BYS 119 | PRINCIPLES OF BIOLOGY | |
| BYS 120 | ORGANISMAL BIOLOGY | |
| BYS 215 | HUMAN ANATOMY & PHYSIOLOGY I | |
| CH 101 & CH 105 | INTRO TO CHEMISTRY and INTRO CHEMISTRY LAB | |
| CH 121 & CH 125 | GENERAL CHEMISTRY I and GENERAL CHEMISTRY LAB I | |
| CH 123 & CH 126 | GENERAL CHEMISTRY II and GENERAL CHEMISTRY LAB II | |
| CH 151 & CH 105 | GENERAL, ORGANIC, BIOCHEMISTRY and INTRO CHEMISTRY LAB | |
| ESS 103 | ENVIRONMENTAL EARTH SCIENCE | |
| ESS 111 | WEATHER, CLIMATE & GLOBAL CHNG | |
| PH 100 | CONCEPTUAL PHYSICS | |

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| PH 101 | GENERAL PHYSICS I |
| PH 102 | GENERAL PHYSICS II |
| PH 111 & PH 114 | GEN PHYSICS W/CALCULUS I and GENERAL PHYSICS LAB I |
| PH 112 & PH 115 | GEN PHYSICS W/CALC II and GENERAL PHYSICS LAB II |
| PH 113 & PH 116 | GEN PHYSICS W/CALC III and GENERAL PHYSICS LAB III |

Area IV: History and Social and Behavioral Sciences* 12

History 3-6

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| HY 103 | WORLD HISTORY TO 1500 |
| HY 104 | WORLD HISTORY SINCE 1500 |
| HY 221 | UNITED STATES TO 1877 |
| HY 222 | UNITED STATES SINCE 1877 |

Social and Behavioral Sciences 6-9

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|---------|-----------------------------------------|
| ECN 142 | PRINC OF MACROECONOMICS |
| ECN 143 | PRINC OF MICROECONOMICS |
| GS 200 | GLOBAL SYSTEMS AND CULTURES |
| ESS 105 | WORLD REGIONAL GEOGRAPHY |
| ESS 110 | PRINCIPLES OF HUMAN GEOGRAPHY |
| PSC 101 | INTRO TO AMERICAN GOVERNMENT |
| PSC 102 | INTRO TO COMPARATIVE POLITICS |
| PSC 260 | INTRODUCTION TO INTERNATIONAL RELATIONS |
| PY 101 | GENERAL PSYCHOLOGY I |
| PY 201 | LIFE-SPAN DEVELOPMENT |
| SOC 100 | INTRO TO SOCIOLOGY |
| SOC 102 | ANALYSIS OF SOCIAL PROBLEMS |
| SOC 103 | INTRO TO CRIMINOLOGY |
| SOC 105 | |

* Take either 1 EH (Area II) + 2 HY (Area IV) <OR> 2 EH (Area II) + 1 HY (Area IV). Take no more than six hours in a single discipline in Area II or Area IV.

| Code | Title | Semester Hours |
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Area V: Pre-Professional Courses 29

Courses in this area may also fulfill Charger Foundations requirements

Select 1 semester hour from the following: 1

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| FYE 101 | CHARGER SUCCESS |
| HON 101 | INTRO TO HONORS RESEARCH |
| BUS 300 | BUSINESS TRANSITIONS |
| MA 120 | MATH PROFESSIONAL APPLICATIONS |
| EH 300 or EH 301 | STRATEGIES FOR BUSINESS WRIT'G TECHNICAL WRITING |
| CM 313 | BUSINESS & PROFESSIONAL COMM |
| ACC 210 | ACCOUNTING FOR BUSINESS |
| BLS 211 | LEGAL ENVIRON/BUSINESS |
| ECN 142 | PRINC OF MACROECONOMICS ¹ |
| ECN 143 | PRINC OF MICROECONOMICS ¹ |
| IS 146 | COMPUTER APPL IN BUSINESS |
| MSC 287 | BUSINESS STATISTICS I |
| MSC 288 | BUSINESS STATISTICS II |
| PY 101 or SOC 100 | GENERAL PSYCHOLOGY I ² INTRO TO SOCIOLOGY |

or SOC 105
or PSC 101

INTRO TO AMERICAN GOVERNMENT

300-400 Level ECN Elective 3

¹ Business students must choose both ECN 142 and ECN 143 to satisfy both Area IV: Social and Behavioral Sciences and Area V: Pre Professional Requirements.

² Business students must choose one of these Social and Behavioral Science courses to satisfy both Area IV: Social and Behavioral Sciences and Area V: Pre Professional Requirements.

| Code | Title | Semester Hours |
|----------------------------------------------------|-------|----------------|
| Upper Division Business Degree Requirements | | 24 |

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|-------------------------------------------------------------|-------------------------------|--|
| FIN 301 | PRINCIPLES OF FINANCE | |
| IS 301 | INFO SYSTEMS IN ORGANIZATIONS | |
| MGT 301 | MANAGING ORGANIZATIONS | |
| MKT 301 | PRINCIPLES OF MARKETING | |
| MSC 385 | OPERATIONS ANALYSIS | |
| MGT 450 | INTERNATIONAL BUSINESS | |
| MGT 499 | COMPETITIVE STRATEGY | |
| Select one upper division business elective (300-400 level) | | |

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| Information Systems Major Requirements | | 21 |
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| IS 310 | ADVANCED PROGRAMMING | |
| IS 340 | DATABASE MANAGEMENT | |
| IS 351 | ENT & SUPPLY CHAIN MGT SYSTS | |
| IS 412 | SYSTEMS ANALYSIS & DESIGN | |
| IS 471 | BUSINESS ANALYTICS & AI | |
| IS 491 | IS MANAGEMENT & STRATEGY | |
| Choose One | | |
| IS 401 | CYBERSECURITY PRINCIPLES | |
| or IS 460 | NETWORKING & IT INFRASTRUCTURE | |

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| Free Electives | | 5 |
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Select 5 semester hours of free electives (IS 210 Recommended)

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| Total Semester Hours | 120 |
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Year 1

| Fall | Semester Hours |
|-------------------------------------|------------------------|
| FYE 101 | 1 |
| EH 101 | 3 |
| IS 146 | 3 |
| ECN 142 | 3 |
| MA 107 | 3 |
| or MA 110 | or FINITE MATHEMATICS |
| or MA 112 | or PRECALCULUS ALGEBRA |
| Social Behavioral Sciences Elective | 3 |
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| Term Semester Hours: | 16 |

Spring

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| EH 102 | 3 |
| ECN 143 | 3 |
| MA 120 | 3 |
| Humanities Elective | 3 |
| Science w/Lab | 4 |
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| Term Semester Hours: | 16 |

Year 2

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|----------------------------------|----------------------------------|-----|
| Fall | | |
| MSC 287 | BUSINESS STATISTICS I | 3 |
| EH 207 | READINGS LITERATURE/CULTURE I | 3 |
| or EH 208 | or READINGS LITERATURE/CULTURE 2 | |
| IS 210 | INTRO COMP PROG IN BUS | 3 |
| IS 301 | INFO SYSTEMS IN ORGANIZATIONS | 3 |
| Science w/Lab | | 4 |
| Term Semester Hours: | | 16 |
| Spring | | |
| ACC 210 | ACCOUNTING FOR BUSINESS | 4 |
| BLS 211 | LEGAL ENVIRON/BUSINESS | 3 |
| MSC 288 | BUSINESS STATISTICS II | 3 |
| IS 310 | ADVANCED PROGRAMMING | 3 |
| MGT 301 | MANAGING ORGANIZATIONS | 3 |
| Term Semester Hours: | | 16 |
| Year 3 | | |
| Fall | | |
| CM 313 | BUSINESS PROFESSIONAL COMM | 3 |
| MSC 385 | OPERATIONS ANALYSIS | 3 |
| FIN 301 | PRINCIPLES OF FINANCE | 3 |
| IS 340 | DATABASE MANAGEMENT | 3 |
| IS 351 | ENT SUPPLY CHAIN MGT SYSTS | 3 |
| Term Semester Hours: | | 15 |
| Spring | | |
| IS 412 | SYSTEMS ANALYSIS DESIGN | 3 |
| EH 207 | READINGS LITERATURE/CULTURE I | 3 |
| or EH 208 | or READINGS LITERATURE/CULTURE 2 | |
| EH 300 | STRATEGIES FOR BUSINESS WRIT'G | 3 |
| or EH 301 | or TECHNICAL WRITING | |
| MKT 301 | PRINCIPLES OF MARKETING | 3 |
| 300-400 Level ECN Elective | | 3 |
| Term Semester Hours: | | 15 |
| Year 4 | | |
| Fall | | |
| MGT 450 | INTERNATIONAL BUSINESS | 3 |
| Upper Level Business Elective | | 3 |
| IS 460 | NETWORKING IT INFRASTRUCTURE | 3 |
| or IS 401 | or CYBERSECURITY PRINCIPLES | |
| History | | 3 |
| 100-400 Level Free Elective | | 2 |
| Term Semester Hours: | | 14 |
| Spring | | |
| MGT 499 | COMPETITIVE STRATEGY | 3 |
| IS 491 | IS MANAGEMENT STRATEGY | 3 |
| Fine Arts Elective | | 3 |
| IS 471 | BUSINESS ANALYTICS AI | 3 |
| Term Semester Hours: | | 12 |
| Total Semester Hours: | | 120 |