



# Computer Info Tech. Administration- Associate in Applied Science (2019-20 Catalog) with HONORS

|  |         |                                   |                          |         |                      |
|--|---------|-----------------------------------|--------------------------|---------|----------------------|
| <b>Developmental Education Courses (if required)</b> |         |                                   | <input type="checkbox"/> | MATH020 | Pre-Algebra          |
| <input type="checkbox"/>                             | ACLS050 | Introduction to Academic Literacy | <input type="checkbox"/> | MATH022 | Elementary Algebra   |
| <input type="checkbox"/>                             | ENGL027 | Writing Skills Workshop           | <input type="checkbox"/> | MATH026 | Intermediate Algebra |

SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion

Plans can be modified to fit student needs by adding more semesters

**Choose your courses with your Advisor.**

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST \*subject to change (see separate list for honors)

| complete                | Course #                 | Course Title | Credits                                     | Gen Ed | Fall           | Winter     | Spring | Summer     | Pre-requisites / Co-requisites   |
|-------------------------|--------------------------|--------------|---|--------|----------------|------------|--------|------------|--|
| Semester 1              | <input type="checkbox"/> | COLS101      | College Success                             | 1      |                | B, M, D    | ----   | B, M, D    | D  |
|                         | <input type="checkbox"/> | ENGL101      | English I (honors option)                   | 3      | Comm.          | B, M, D, E | ----   | B, M, D, E | B, M, D  |
|                         | <input type="checkbox"/> | CISC100      | Computer Technology I                       | 4      | CL             | B, M, D    | ----   | B, M, D    | ---  |
|                         | <input type="checkbox"/> | CISC136      | PC Support and Troubleshooting              | 4      |                | B          | ----   | B          | ----   |
|                         | <input type="checkbox"/> | ELEC101      | DC/AC Circuit Analysis                      | 4      |                | B          | ----   | ----       | ----   |
| Total Semester Credits: |                          |              | 16  |        |                |            |        |            | PRE: MATH026 or Math Placement   |
| Semester 2              | <input type="checkbox"/> | CISC105      | Desktop Operating Systems                   | 4      |                | B          | ----   | B, M       | ----   |
|                         | <input type="checkbox"/> | CISC137      | Introduction to Networking Hardware         | 2      |                | B          | ----   | B          | ----   |
|                         | <input type="checkbox"/> | CISC254      | Server I                                    | 3      |                | ----       | ----   | B          | ----   |
|                         | <input type="checkbox"/> | CMTH102      | Intro to Communication (honors option)      | 3      | Comm.          | B, M, D, E | ----   | B, M, D, E | B, M, D  |
|                         | <input type="checkbox"/> | ENGL151R     | English II (Report Writing)                 | 3      | Comm.          | B, M       | ----   | B, M       | B, D   |
| Total Semester Credits: |                          |              | 15  |        |                |            |        |            | PRE: ENGL101   |
| Semester 3              | <input type="checkbox"/> | CISC255      | Server II                                   | 3      |                | B          | ---    | ---        | ---  |
|                         | <input type="checkbox"/> |              | Technical Elective*                         | 3/4    |                | B          | ----   | B          | B  |
|                         | <input type="checkbox"/> | BUSA221G     | Business Communication (WI)                 | 3      |                | B, M, D    | ----   | B, M, D    | D  |
|                         | <input type="checkbox"/> | MATH         | Mathematics Elective (MATH 150)             | 3      | QL             | B, M, D    | D      | B, M, D    | B, M, D  |
|                         | <input type="checkbox"/> |              | AH,SIT,SSHB Gen Ed Elective (honors option) | 3      | AH,SIT or SSHB | B, M, D    | D      | B, M, D    | B, M, D  |
| Total Semester Credits: |                          |              | 15/16                                       |        |                |            |        |            | PRE: CISC254<br>Depends on course selected<br>PRE: ENGL151 and CMTH102<br>PRE: MATH Placement Policy<br>Depends on course selected |
| Semester 4              | <input type="checkbox"/> | CISC286      | Linux Administration                        | 3      |                | ---        | ---    | B, M       | ---  |
|                         | <input type="checkbox"/> | CISC251      | Network Administration and Maintenance      | 3      |                | ---        | ---    | B          | ---  |
|                         | <input type="checkbox"/> |              | AH,SIT,SSHB Gen Ed Elective (honors option) | 3      | AH,SIT or SSHB | B, M, D    | D      | B, M, D    | B, M, D  |
|                         | <input type="checkbox"/> |              | AH,SIT,SSHB Gen Ed Elective (honors option) | 3      | AH,SIT or SSHB | B, M, D    | D      | B, M, D    | B, M, D  |
|                         | <input type="checkbox"/> |              | Elective (honors option)                    | 3      |                | B, M, D    | D      | B, M, D    | B, M, D  |
| Total Semester Credits: |                          |              | 15  |        |                |            |        |            | PRE: CISC105<br>PRE: CISC100 or ARTA240<br>Depends on course selected<br>Depends on course selected<br>Depends on course selected  |
| Total Degree Credits    |                          |              | 61/62                                       |        |                |            |        |            |  |

| General Education Requirements |          |                   |
|--------------------------------|----------|-------------------|
| <input type="checkbox"/>       |          | Diversity         |
| <input type="checkbox"/>       | BUSA221G | Writing Intensive |

### Notes:

- Mathematics Elective options: MATH 103, 120, 140, 145, 150, 160, 165, 175, 176, 180, 181, 202, 210, 211
- Technical Elective options: CISC 115, 128, 265, 278; ELEC 126, 151
- For the General Education Electives, students must take three courses from at least two of the following areas: Arts & Humanities (AH); Social Science: Society and Institutions over Time (SIT) or Social Science: Scientific Study of Human Behavior (SSHB).

AH Gen Elective Honors Courses: CMTH 220, ENGL 203, ENGL 264, ENGL 265, PHIL 201, PHIL 202G, PHIL 204  
 SIT Elective Honors Courses: HIST 113, HIST 163, POLS 101, SOCA 160  
 SSHB Gen Educations Elective Honors Courses: HUMA 250G, PSYC 103, PSYC 258, PSYC 265, SOCA 103  
 Elective Honors Courses: ALL honors courses

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| Arts & Humanities (AH)                          |
|---|
| ARTA 100 Art and Visual Thinking                |
| ARTA 101 Art History Survey                     |
| CMTH 110 Introduction to the Theatre            |
| CMTH 111 Acting I                               |
| CMTH 115 Technical Theatre                      |
| CMTH 117 Stagecraft                             |
| CMTH 126 The Communication Arts                 |
| CMTH 189 Stage Voice and Movement               |
| CMTH 190 Stage Production                       |
| CMTH 206 Directing                              |
| CMTH 211 Plays: Classical to Contemp. (G-WI)    |
| CMTH 212 Acting II                              |
| CMTH 218 Theatre Portfolio                      |
| CMTH 220 Introduction to Film                   |
| DANC 101 Dance History                          |
| DANC 110 Ballet I                               |
| DANC 120 Modern Dance I                         |
| DANC 130 Jazz I                                 |
| DANC 210 Ballet II                              |
| DANC 220 Modern Dance II                        |
| DANC 230 Jazz II                                |
| ENGL 201 British Literature I (G-WI)            |
| ENGL 203 Shakespeare (G-WI)                     |
| ENGL 205 American Literature I (G-WI)           |
| ENGL 211 Plays: Classical to Contemp. (G-WI)    |
| ENGL 215 Multicultural Adolescent Lit (G-WI)    |
| ENGL 250 Latin American Literature (G-WI)       |
| ENGL 251 British Literature II (G-WI)           |
| ENGL 253 Creative Writing                       |
| ENGL 255 American Literature II (G-WI)          |
| ENGL 256 Modern Poetry (G-WI)                   |
| ENGL 257 20th Century Lit by Women (G-WI)       |
| ENGL258 Fiction Writing                         |
| ENGL 260 Contemporary Literature (G-WI)         |
| ENGL 264 Irish Literature (G-WI)                |
| ENGL 265 African-American Literature (G-WI)     |
| ENGL 267 Poetry Writing                         |
| HUMA 121 The American Work Experience (G-WI)    |
| HUMA 140 Intro to Women & Gender Studies (G-WI) |
| HUMA 150 Nature of the Environment              |
| HUMA210 Creativity and the Origin of Ideas      |
| JOUR 101 Journalism and Society                 |
| Modern Language - All MDLA Courses              |
| MUSC 101 Introduction to Music                  |
| PHIL 111 On Death and Dying (G-WI)              |
| PHIL 121 World Religions                        |
| PHIL 201 Introduction to Philosophy             |
| PHIL 202 Ethics and Moral Problems (G-WI)       |
| PHIL 204 Asian Philosophies                     |
| PHIL 211 Ancient Philosophy                     |
| PHIL 215 Modern Philosophy                      |
| PHIL 225 What is Freedom?                       |

| Societies & Institutions Over Time (SIT)                    |
|---|
| CMTH 221 History of Broadcasting                            |
| GEOG 101 World Geography                                    |
| GEOG 151 Geography of the U.S. and Canada (G-WI)            |
| GLBL 130 Intro to Global Studies                            |
| GLBL 160 Field Experience & Acad Research in GS             |
| GLBL 230 Global Studies Capstone                            |
| HIST 103 Ancient and Medieval History                       |
| HIST 113 American History I (G-WI)                          |
| HIST 121 The Black Experience (G-WI)                        |
| HIST 123 African Civilization                               |
| HIST 140 Modern Chinese History                             |
| HIST 153 Found of Mod Euro History, 1300-1815 (G-WI)        |
| HIST 163 American History II                                |
| HIST 165 The American Experience of Warfare (G-WI)          |
| HIST 166 Civil War and Reconstruction (G-WI)                |
| HIST 168 History of the Middle East (G-WI)                  |
| HIST 173 Mod European History, 1815 to Present (G-WI)       |
| HIST 210 History of Mod Science, 1859 to Present            |
| HIST 211 History of Pennsylvania                            |
| INTS 201 Implementing Sustainable Energy System...          |
| INTS 202 The Architecture of the City: Classic to Contemp.  |
| POLS 101 Introduction to Political Science                  |
| POLS 105 American Constitutional Law (G-WI)                 |
| POLS 110 American National Government (G-WI)                |
| POLS 150 Peace Studies & Conflict Resolution (Study Abroad) |
| POLS 170 Politics of Modern Turkey (Study Abroad)           |
| POLS 202 International Relations                            |
| POLS 205 Women and Politics (G-WI)                          |
| POLS 251 State and Local Government (G-WI)                  |
| SOCA 102 Cultural Anthropology (G-WI)                       |
| SOCA 105 American Ethnicity                                 |
| SOCA 160 Issues in Contemp.Genocide & Mass Violence         |

| Scientific Study of Human Behavior (SSHB)           |
|---|
| ECON 201 Macroeconomics                             |
| GEOG 121 Environmental Sustainability (G-WI)        |
| GEOG 140 Investigating Climate Change )             |
| GEOG 271 Intro to Geographic Info Systems           |
| HUMA 250 Research Methods in Social Sciences (G-WI) |
| INTS 250 Study Abroad                               |
| PSYC 103 Introduction to Psychology (G-WI)          |
| PSYC 205 Research Methods                           |
| PSYC 230 Introduction to Health Psychology          |
| PSYC 235 Dev Child Psychopathology                  |
| PSYC 245 Cognitive Psychology                       |
| PSYC 255 Abnormal Psychology                        |
| PSYC 258 Developmental Psychology (G-WI)            |
| PSYC 265 Psychology of Sex and Gender               |
| SOCA 103 Principles of Sociology (G-WI)             |
| SOCA 125 Sociology of Families (G-WI)               |
| SOCA 210 Sociology of Gender                        |

| Electives for A.A. & A.S. Degrees  |
|--|
| Accounting – only ACCT 100, 101, 151, 201, 202, 251  |
| Architecture – only ARCH 100   |
| Art – only ARTA 101, 111, 161, 162, 291, 292, 293  |
| Biological Science – all BIOS except 281, 282, 283   |
| Business – only BUSA 101, 115, 152, 201, 202, 205, 232, 27                                       |
| Chemistry – only CHEM 105, 120, 135, 220, 225, 251, 260, 291, 292, 293, 294                      |
| College Success: COLS101, 120  |
| Communications – all CMTH except 180, 182, 185, 240, 252   |
| Computer/Information Science – only CISC 101, 104, 115, 125, 225, 230, 270                       |
| Counseling – only COUN 100, 291, 292, 293  |
| Dance – all DANC   |
| Economics – ECON201, 251G  |
| Education – all EDUC except 105  |
| Engineering – only ENGG 100, 191, 192, 193, 194, 201, 251, 252                                   |
| English – all ENGL   |
| Geography – all GEOG   |
| Global Studies - GLBL130, 160, 230   |
| Health – only HEAL 150   |
| History – all HIST   |
| Hospitality – only HOSP 101  |
| Humanities – all HUMA  |
| Interdisciplinary Studies – INTS 101, 202, 250   |
| Journalism – only JOUR 103   |
| Mathematics – only MATH 120, 140, 145, 150, 160, 165, 175, 176, 180, 181, 191-194, 202, 210, 211 |
| Modern Language – all MDLA   |
| Music – all MUSC   |
| Nutrition- NUTR105   |
| Philosophy – all PHIL  |
| Physical Education – any PHED courses up to a max of two credits                                 |
| Physics – all PHYS   |
| Political Science – all POLS   |
| Publishing - 101, 102  |
| Psychology – all PSYC except 221   |
| Sociology/Anthropology – all SOCA  |
| Special Education – SPED 160   |

|   |
|---|
| SOCA103 Principles of Sociology                 |
| SOCA 105 American Ethnicity                     |
| SOCA 150 Deviance                               |
| SOCA160 Issues in Cont Genocide & Mass Violence |
| SOCA204 Social Problems                         |

| Diversity (D) Electives                                     |
|---|
| BIOS 126 Environmental Science                              |
| BIOS 210 Environmental Biology                              |
| BUSA 115 Intro to International Business                    |
| CJST 250 Contemporary Issues in Criminal Justice            |
| CMTH 126 The Communication Arts                             |
| CMTH 211 Plays: Classical to Contemporary                   |
| CMTH 215 Intercultural Communication                        |
| DANC 101 Dance History                                      |
| ENGL 151L English II (Literature)                           |
| ENGL 205 American Literature I                              |
| ENGL 211 Plays: Classical to Contemporary                   |
| ENGL 215 Multicultural Adolescent Literature                |
| ENGL 250 Latin American Literature                          |
| ENGL 251 British Literature II                              |
| ENGL 253 Creative Writing                                   |
| ENGL 255 American Literature II                             |
| ENGL 256 Modern Poetry                                      |
| ENGL 257 20th Century Lit by Women                          |
| ENGL 260 Contemporary Literature                            |
| ENGL 264 Irish Literature                                   |
| ENGL 265 African-American Literature                        |
| ENGL 267 Poetry Writing                                     |
| GEOG 101 World Geography                                    |
| GEOG 121 Environmental Sustainability                       |
| GEOG 151 Geography of the U.S. and Canada                   |
| GEOG 210 Weather and Climate                                |
| GLBL 130 Intro to Global Studies                            |
| GLBL 160 Field Experience & Acad Research in GS             |
| GLBL 230 Global Studies Capstone                            |
| HIST 113 American History I                                 |
| HIST 121 The Black Experience                               |
| HIST 140 Modern Chinese History                             |
| HIST 165 The American Experience of Warfare                 |
| HIST 166 Civil War & Reconstruction                         |
| HIST 168 History of the Middle East                         |
| HIST 173 Mod Euro History: 1815-Present                     |
| HUMA 121 American Work Experience                           |
| HUMA 140 Intro to Women and Gender Studies                  |
| HUMA 150 Nature of the Environment                          |
| HUMA210 Creativity and The Origin of Ideas                  |
| INTS 201 Implement Sustain Energy Sys in Dev Com            |
| Modern Language - All MDLA Courses                          |
| PHIL111 On Death and Dying                                  |
| PHIL 121 World Religions                                    |
| PHIL 204 Asian Philosophies                                 |
| POLS 101 Introduction to Political Science                  |
| POLS 105G American Constitutional Law                       |
| POLS 150 Peace Studies & Conflict Resolution (Study Abroad) |
| POLS 202 International Relations                            |
| POLS205 Women & Politics                                    |
| POLS 251 State & Local Government                           |
| PSYC 258 Developmental Psychology                           |
| SOCA 102 Cultural Anthropology                              |