Energy Management
Bachelor of Applied Science
Degree Plan 2019-2020

All courses indicated are required

| General Education Courses |  |  |  | C |
| :---: | :---: | :---: | :---: | :---: |
| Arts \& Humanities (6) |  |  |  |  |
| 1. |  |  | 3 |  |
| 2. |  |  | 3 |  |
| Business, Math, Science \& Technology (18) |  |  |  |  |
| ACCT | 200 | Elements of Accounting I | 3 |  |
| ACCT | 201 | Elements of Accounting II | 3 |  |
| MATH | 210 | Elementary Statistics | 3 |  |
| BADM | 202 | Principles of Management | 3 |  |
| BADM | 281 | Organizational Behavior | 3 |  |
| BADM | 282 | Human Resource Management | 3 |  |
| Business, Math, Science \& Technology (3) |  |  |  |  |
| (Select one Science or Technology course, lab not required) |  |  |  |  |
| 1. |  |  | 3 |  |
| Communications (9) |  |  |  |  |
| ENGL | 110 | College Composition I (required) | 3 |  |
| ENGL | 125 | Introduction to Professional Writing | 3 |  |
| COMM | 110 | Fundamentals of Public Speaking | 3 |  |
| Social and Behaviorial Science (6) |  |  |  |  |
| ECON | 201 | Principles of Microeconomics | 3 |  |
| ECON | 202 | Principles of Macroeconomics | 3 |  |
|  |  |  | 42 |  |

## Technical Foundation Courses

# Bachelor of Applied Science (BAS) <br> 2019-2020 Catalog 

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Legend
*) Course not approved as GERTA
(F) Course designated as Fine Arts
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## General Education Requirements

Category I: COMMUNICATIONS

| Communications I |
| :--- |
| (3 Credits) - ENGL 110 |


| Gr. Cr. |  |  |
| :---: | :---: | :---: | :---: |
| 3 | ENGL 110 | College Composition I |

Communications II
(3 Credits) - ENGL 120 or ENGL 125 (Select one)

| Gr. Cr. |  |
| :---: | :---: | :---: |
|  | 3 | ENGL 120 College Composition II

3 ENGL 120 College Composition II $\qquad$ 3 ENGL 125 Introduction to Professional Writing

Communications III
(3 credits) - COMM 110

| Gr. Cr. |  |  |
| :---: | :---: | :---: |
|  | 3 | СОMM 110 |

Fundamentals of Public Speaking

## Category II: ARTS \& HUMANITIES

(6 Credits) - No more than 3 credits of Fine Arts may be used




| F | MUSC 136 | Brass Ensemble II |
| :---: | :---: | :---: |
| F | MUSC 137 | Jazz Ensemble |
| F/* | MUSC 138 | Percussion Ensemble |
| F | MUSC 145 | Applied Music |
| F | MUSC 146 | Applied Music - Major |
|  | PHIL 101 | Introduction to Philosophy |
|  | PHIL 210 | Ethics |
|  | PHIL 220 | Introduction to Logic |
|  | PHIL 250 | Philosophy in Cinema |
|  | PHIL 253 | Environmental Ethics |
|  | RELS 120 | Religion in America |
|  | RELS 201 | Life and Letters of Paul |
|  | RELS 203 | World Religions |
|  | RELS 220 | Old Testament |
|  | RELS 230 | New Testament |
|  | SPAN 101 | First Year Spanish I |
|  | SPAN 102 | First Year Spanish II |
|  | SPAN 201 | Second Year Spanish I |
|  | SPAN 202 | Second Year Spanish II |
|  | THEA 110 | Introduction to Theatre Arts |
| F | THEA 161 | Acting I |
|  | THEA 180 | Dramatic Literature and Style |
|  | THEA 181 | Dramatic Literature and Style |

## General Education Requirements Continued

## Category III: SOCIAL \& BEHAVIORAL SCIENCES

| Gr. | Cr . |  |  |  | Cr |  |  |  | Gr. | Cr |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3 | ANTH 170 | Physical Anthropology and Archeology |  | 3 |  | POLS 115 | American Government |  | 3 | SOC 110 | Introduction to Sociology |
|  | 3 | ANTH 171 | Introduction to Cultural Anthropology |  | 3 |  | POLS 116 | State and Local Government |  | 3 | SOC 115 | Social Problems |
|  | 3 | CJ 201 | Introduction to Criminal Justice |  | 3 |  | POLS 220 | International Politics |  | 3 | SOC 220 | Family |
|  | 3 | COMM 112 | Understanding Media and Social Change |  | 3 |  | PSYC 100 | Human Relations In Organizations |  | 3 | SOC 221 | Minority Relations |
|  | 3 | COMM 212 | Interpersonal Communications |  | 3 |  | PSYC 111 | Introduction to Psychology |  | 3 | SOC 235 | Cultural Diversity |
|  | 3 | ECON 105 | Elements of Economics |  | 3 | * | PSYC 211 | Introduction to Behavior Modification |  | 3 | SOC 251 | Gerontology |
|  | 3 | ECON 201 | Principles of Microeconomics |  | 3 |  | PSYC 250 | Developmental Psychology |  | 3 | SOC 252 | Criminology |
|  | 3 | ECON 202 | Principles of Macroeconomics |  | 3 | * | PSYC 261 | Psychology of Adjustment |  | 3 | SOC 275 | American Indian Studies |
|  | 3 | GEOG 161 | World Regional Geography |  | 3 |  | PSYC 270 | Abnormal Psychology |  | 3 | SWK 256 | Development of Social Welfare |

## Category IV: BUSINESS, MATH, SCIENCE \& TECHNOLOGY



| ACCT 200 | Elements of Accounting I |
| :---: | :---: |
| ACCT 201 | Elements of Accounting II |
| ASTR 150 | Meteorology/Lab |
| BADM 202 | Principles of Management |
| BADM 281 | Organizational Behavior |
| * BADM 282 | Human Resource Mgmt |
| * BIOL 102 | Introduction to Aquarium Keeping |
| BIOL 109 | Living World |
| BIOL 111 | Concepts of Biology/Lab |
| BIOL 115 | Concepts of Anatomy \& Physiology/Lab |
| BIOL 124 | Environmental Science |
| BIOL 125 | Introduction to Ecology/Lab |
| BIOL 126 | Human Biology/Lab |
| BIOL 150 | General Biology 1/Lab |
| BIOL 151 | General Biology II/Lab |
| BIOL 170 | General Zoology/Lab |
| BIOL 220 | Anatomy \& Physiology I/Lab |
| BIOL 221 | Anatomy \& Physiology II/Lab |
| BIOL 250 | Survey-Tropical Biology/Lab |
| BOT 170 | Plant Form \& Diversity/Lab |
| CHEM 110 | Survey of Chemistry/Lab |
| CHEM 112 | Introduction to Forensic Science/Lab |
| CHEM 114 | Chemistry in Art/Lab |




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## Category V: PROGRAM SPECIFIC GENERAL EDUCATION REQUIREMENTS

(6 Credits) - Must be choosen from one of the following categories: Communications; Social \& Behavioral Sciences; Arts \& Humanities; and/or Business, Math, Science \& Technology
Gr. Cr. Course

## Academic Skills Courses (ASC)

The following Academic Skills Courses (ASC) are pre-college courses that indicate the need for college preparation work before enrollment in college level courses. These courses will not fulfill general education requirements, institutional credit requirements and cannot be included in the semester hours required for a Bachelor of Applied Science degree.

| Gr. | Cr. |  | Gr. | Cr. |  |  |
| :---: | :---: | :--- | :--- | :--- | :--- | :--- |
|  |  | ASC 082 | Effective Reading | - | 2 | ASC 94 |$\quad$ College Writing Prep I

## Degree Checklist

Credits
$\qquad$ Earned a minimum of 3 credits in ENGL 110 Earned a minimum of 3 credits in ENGL 120 or ENGL 125
$\qquad$ Earned a minimum of 3 credits in COMM 110 Earned a minimum of 6 credits in Arts \& Humanites ${ }^{2}$
$\qquad$ Earned a minimum of 6 credits in Social \& Behavioral Science Earned a minimum of 9 credits in Business, Math, Science \& Technology Earned a minimum of 6 credits in Program Specific general education courses Completed defined courses leading to an academic major
$\square$ Earned a minimum of 120 credits ${ }^{4}$

Earned at least 30 semester hours of institutional credit from BSC
Minimum of 2.00 institutional GPA (BSC only)
Minimum of 2.00 cumulative GPA (BSC + Transfer)
Earned at least 30 semester hours of upper division (300/400) level courses
Cleared all college obligations
Satisfied all degree seeking admission requirements
Filed an Application for Degree in the Academic Records Office immediately following enrollment in final semester
$\qquad$
Office:
${ }^{1}$ Programs may have specific General Education requirements; refer to your program degree plan
${ }^{2}$ No more than 3 hours of Fine Arts may be used
${ }^{3}$ Must be chosen from one of the following categories: Communications; Social \& Behavioral Sciences; Arts \& Humanities; and/or Business, Math, Science \& Technology
${ }^{4}$ Academic Skills Courses (ASC) will not fulfill general education requirements, institutional credit requirements and cannot be included in the semester hours required for a Bachelor of
Applied Science Degree
*This advising worksheet is unofficial and to be used for class planning purposes only. Please refer to the official catalog at http://catalog.bismarckstate.edu/for the complete listing of college degree requirements.


[^0]:    Discrete Mathematics Elementary Statistics Math for Elementary Teachers I Introductory Microbiology/Lab Principles of Nutrition Concepts of Physics/Lab ntroduction to Astronomy/Lab College Physics I/Lab College Physics II/Lab University Physics I/Lab University Physics II/Lab World Food Crops/Lab Physical Science I/Lab (Biology \& Chemistry) Physical Science II/Lab (Physics \& Geology) Physical Science III/Lab (Astronomy \& Meteorology) Introduction to Soil Science/Lab

