AVIATION SYSTEMS MANAGEMENT COMPREHENSIVE, BACHELOR OF SCIENCE

Offered by Department of Industrial Technology (http://catalog.unk.edu/undergraduate/departments-programs/industrial-technology/)

Flight Operations, Aviation Support Services Emphases

All College of Business and Technology Graduation Requirements (http://catalog.unk.edu/undergraduate/departments-programs/industrial-technology/) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

General Studies

Foundational Requirements (LOPERs 1-4) 12

Including:

LOPER 4: Mathematics, Statistics and Quantitative Reasoning

MATH 102 College Algebra

Broad Knowledge Requirements (LOPERs 5-8) 12

Including:

LOPER 7: Social Science

ECON 271 Principles of Economics, Microeconomics

LOPER 8: Natural Science

GEOG 209 Meteorology

Dispositional Requirements (LOPERs 9-10) 2

Wellness (LOPER 11) Optional 0

BS Science-related course requirements

MATH 123 Applied Calculus I 3

Program-Specific Requirements

PHYS 205 General Physics I & 205L and Physics I Laboratory 5

Major Option

Complete all required courses 58-63

Unrestricted electives

Needed to reach 120 credit hour minimum 24-19

Total Credit Hours 120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Aviation Systems Management Comprehensive - Technology Core Requirements

ITEC 110 Introduction to Technology 1

ITEC 120 Interpretation of Technical Documents 3

ITEC 130 Technology Today 3

ITEC 290 Communicating Through Technology 3

Aviation Systems Management Comprehensive - Business Core Requirements

ITEC 308 Industrial Management 3

ITEC 408 Leadership in Business and Technology 3

BSAD 295 Business Communications 3

ECON 465 Economics of Transportation 3

Aviation Systems Management Comprehensive - Aviation Core Requirements

ITEC 170 Private Pilot Theory 3

ITEC 391 Aviation Law 3

ITEC 392 Aviation Airport Management 3

ITEC 393 Aviation Safety 3

ITEC 394 Air Traffic Control 3

Aviation Systems Management Comprehensive - Emphasis Area

Select one of the following emphases. 21-26

Flight Operations Emphasis (26 credit hours)

ITEC 171 Introduction to Flight

ITEC 172 Professional Flight 1

ITEC 220 Electricity/Electronics

ITEC 291 Instrument Pilot Theory

ACCT 240 Accounting for Nonbusiness Majors

ITEC 292 Professional Flight 2

ITEC 293 Professional Flight 3

ITEC 375 Commercial Pilot Theory

ITEC 376 Professional Flight 4

ITEC 377 Professional Flight 5

ITEC 416 Advanced Aerodynamics/Aircraft Performance

ITEC 417 Advanced Aircraft Systems

Aviation Support Services Emphasis (21 credit hours)

ACCT 250 Principles of Accounting I

ACCT 251 Principles of Accounting II

FIN 308 Principles of Finance

MGT 355 Organizational Behavior

MGT 380 Human Resource Management

MKT 300 Principles of Marketing

MGT 233 Business Statistics or STAT 241 Elementary Statistics

Total Credit Hours 58-63

Note: All flight training for students admitted to the University of Nebraska at Kearney Aviation Systems Management Program will be conducted in accordance with the UNK Aviation Systems Management Program Student Handbook. This Handbook contains all policies and procedures governing flight training. The Handbook also specifies procedures which must be followed by students who are admitted to UNK with flight certificates and ratings not obtained from an approved college or university.

Students with sufficient preparation may enter the mathematics program at a higher level. Students are required to take a LOPERs 4: Mathematics, Statistical, and Quantitative Reasoning course regardless of entry level.
Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.