AVIATION COMPREHENSIVE, BACHELOR OF SCIENCE

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

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 1

**Broad Knowledge Requirements (LOPERs 5-8)**

12

Including:

- LOPER 7: Social Science
  - ECON 271  Principles of Economics, Microeconomics
- LOPER 8: Natural Science

**Dispositional Requirements (LOPERs 9-10)**

6

**Wellness (LOPER 11) Optional**

0

**BS Science-related course requirements**

MATH 123  Applied Calculus I  3

**Program-Specific Requirements**

5

- PHYS 205  General Physics I
- PHYS 205L  and Physics I Laboratory

**Major Option**

Complete all required courses  60-62

**Unrestricted electives**

Needed to reach 120 credit hour minimum  22-20

**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>ITEC 130</td>
<td>Technology Today</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 290</td>
<td>Communicating Through Technology</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 408</td>
<td>Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>ECON 465</td>
<td>Economics of Transportation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Aviation Comprehensive, Bachelor of Science - Aviation Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 170</td>
<td>Private Pilot Theory</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 391</td>
<td>Aviation Law</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 392</td>
<td>Aviation Airport Management</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 393</td>
<td>Aviation Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

**Aviation Management Comprehensive - Emphasis Area**

Select one of the following emphases.  30-32

**Aviation - Professional Pilot Emphasis (32 credit hours)**

- ITEC 118  Aviation History
- ITEC 171  Introduction to Flight
- ITEC 172  Professional Flight 1
- ITEC 291  Instrument Pilot Theory
- ITEC 292  Professional Flight 2
- ITEC 295  Aviation Meteorology
- ITEC 293  Professional Flight 3
- ITEC 365  Crew Resource Management
- 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
- ITEC 492  Aviation Human Factors

**Aviation-Management Emphasis (30 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**  60-62

Note: All flight training for students admitted to the University of Nebraska at Kearney Aviation Program will be conducted in accordance with the UNK Aviation 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.

1 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.

2 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.