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

*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)* 2

*Wellness (LOPER 11) Optional* 0

**BS Science-related course requirements**

- MATH 123 Applied Calculus I

**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></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- ITEC 130 Technology Today
- ITEC 290 Communicating Through Technology
- ITEC 408 Leadership in Business and Technology
- BSAD 295 Business Communications
- ECON 465 Economics of Transportation

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

- ITEC 170 Private Pilot Theory
- ITEC 391 Aviation Law
- ITEC 392 Aviation Airport Management
- ITEC 393 Aviation Safety

<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 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

- ITEC 118 Aviation History
- ITEC 295 Aviation Meteorology
- ITEC 492 Aviation Human Factors

**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.