

INFORMATION NETWORKING AND TELECOMMUNICATIONS 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.

Code	Title	Credit Hours
General Studies		
<i>Foundational Core (Written, Math, Oral, Democracy)</i>		
Foundational Core courses (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses)		12
Including:		
MATH 102	College Algebra ¹	
ITEC 290	Communicating Through Technology	
<i>Portal</i>		
Select one course numbered 188 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course)		3
<i>Distribution</i>		
ENG 101	Introduction of Academic Writing	3
<i>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</i>		
Aesthetics (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics)		3
Humanities (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities)		6
Social Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences)		6
Including:		
CJUS 101	Introduction to Criminal Justice	
Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences)		7
Including:		
Select two GS courses from at least two disciplines, to include one lab course: CHEM, GEOG, and/or PHYS only		
Analytical and Quantitative Thought (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought)		3
Including:		
ITEC 150	Internetworking Literacy	
Wellness (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness)		0
<i>Capstone</i>		

Select one course numbered 388 (<http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course>)

BS Science-related course requirements		
MATH 103	Plane Trigonometry	3
or MATH 123 Applied Calculus I		

Major Option	
Complete all required courses	63

Unrestricted electives	
Needed to reach 120 credit hour minimum	8

Total Credit Hours	120
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Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

Major Option

Code	Title	Credit Hours
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Technology Core Requirements		
ITEC 110	Introduction to Technology	1
ITEC 120	Interpretation of Technical Documents	3
ITEC 130	Technology Today	3

Information Networking and Telecommunications Core Requirements		
ITEC 220	Electricity/Electronics	3
ITEC 320	Applied Electronics	3
ITEC 330	Information Networking Preceptorial	4
ITEC 335	Network Architecture and Telecommunications I	3
ITEC 345	Network Architecture and Telecommunications II	4
ITEC 430	Internetworking Design	3
ITEC 435	Global Internetworking	3

Information Networking and Telecommunications Management Core Requirements		
ITEC 308	Industrial Management	3
ITEC 390	Information Networking Law and Public Policy	3
ITEC 408	Leadership in Business and Technology	3
ITEC 485	Information Networking Seminar	3

Information Networking and Telecommunications Support Track Requirements	
Select one of the following support tracks:	15
Cyber Investigations (p. 2)	
Web and Scripting (p. 2)	
Business and Entrepreneurship (p. 2)	
Tailored Option (p. 2)	

Internship Requirement		
ITEC 475	Internship ²	6
Total Credit Hours		63

Cyber Investigations

Code	Title	Credit Hours
Take all of the following:		
CJUS 321	Technology in Criminal Justice	3
CJUS 350	Organized Crime	3
CJUS 353	Crime Prevention and Security	3
ITEC 499	Independent Study and Research in Industrial Technology	3
Select 3 hours from the following:		3
CJUS 230	The Police Service	
CJUS 360	Sex Crimes	
CJUS 390	Criminal Investigation	
CJUS 476	Terrorism and Crisis Negotiations	
CJUS 490	Advanced Criminal and Crime Scene Investigations (CSI)	
Total Credit Hours		15

- ¹ Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
- ² Before registering for the internship, students must have Junior class standing and a 2.5 cumulative GPA in core courses including any emphasis areas required.

Web and Scripting

Code	Title	Credit Hours
Take all of the following:		
JMC 112	Communication Software	3
JMC 300	Website Design	3
JMC 401	Web Site Design II	3
Take 6 hours from the following:		6
JMC 304	Interactive Media Design	
JMC 300- 499 with the permission of instructor		
ITEC 499	Independent Study and Research in Industrial Technology	
Total Credit Hours		15

Business and Entrepreneurship

Code	Title	Credit Hours
Take all of the following:		
MKT 300	Principles of Marketing	3
MGT 400	Entrepreneurship	3
MGT 401	Small Business Management	3
Select 6 hours from the following:		6
ACCT 413	Entrepreneurial Law	
MKT 460	Strategic Product Management	
SPCH 445	Diffusion of Innovations	
Total Credit Hours		15

Tailored Option

Code	Title	Credit Hours
Select 15 credit hours of courses approved by the Department Chair following consultation between the student and the academic advisor. Courses are to be selected during the first year of declaring the major.		15
Total Credit Hours		15