



# FORT HAYS STATE UNIVERSITY

## DEPARTMENT OF INFORMATICS

*Forward thinking. World ready.*

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Degree Requirements for

### Bachelors in Information Networking and Telecommunications

<b>WEB &amp; MOBILE APPLICATION DEVELOPMENT CONCENTRATION</b>						
<b>INFORMATICS MAJOR CORE (18 hours)</b>	Hr	Sm	Grd	<b>Students will work with their advisor to tailor their remaining 15 hours of electives for their major from the following courses, based upon their professional interests and goals:</b>		
INF 250 Introduction to Web Development	3					
INF 300 Foundations of Informatics	3			INF 240 News Reporting	3	
INF 405 Research Methods in Informatics	3			INF 292 Internetworking II (CCENT prep)	3	
INF 430 Technology Innovation and Entrepreneurial Leadership	3			INF 304 Management Information Systems	3	
INF 490 Capstone Seminar in Informatics	3			INF 330 Business Intelligence	3	
INF 610 Public Policy, Ethics and Law in Telecommunications	3			INF 346 Beginning Video Production*	3	
				INF 348 Beginning Audio Production*	3	
<b>CONCENTRATION REQUIREMENTS (15 hours)</b>	Hr	Sm	Grd	INF 360 Programming with Python	3	
INF 650 Introduction to Human-Computer Interaction	3			INF 393 Internetworking III (CCENT prep)	3	
INF 651 Front-End Web Development I	3			INF 420 Social Issues and Informatics	3	
INF 652 Database Design & Programming	3			INF 470 Workshop in INF (as approved by advisor)	3	
INF 653 Back-End Web Development I	3			INF 472 Readings in INF (as approved by advisor)	3	
INF 654 Mobile Web Development I	3			INF 473 Problems in INF (as approved by advisor)	3	
				INF 476 Apprenticeship in INF (as approved by advisor)	3	
<b>CROSS CONCENTRATION ELECTIVES: (6 Hours)</b>	Hr	Sm	Grd	INF 479 Internship in INF (encouraged, up to 6 hours - as approved by advisor)	3	
<i>Choose 2 with no more than one from each concentration</i>				INF 621 News Editing	3	
<b>Computer Networking &amp; Telecommunications</b>				INF 624 Continuity Writing	3	
INF 291 Internetworking I	3			INF 625 Advanced Digital Journalism	3	
<b>Cybersecurity</b>				INF 633 Advanced Video Production	3	
INF 360 Programming with Python	3			INF 634 Graphics and Effects for Video and Film	3	
<b>Digital Media Production &amp; Journalism</b>				INF 655 Front-End Web Development II	3	
INF 140 Introduction to Electronic Media	3			INF 660 Global Telecom	3	
INF 346 Beginning Video Production	3			INF 662 Modern Telephony	3	
INF 348 Beginning Audio Production	3			INF 664 Wireless and Cellular Systems (CWNA Prep)	3	
<b>Information Systems</b>				INF 671 Linux in Networks	3	
INF 302 Windows Client Administration	3			INF 678 Seminar in INF/Virtualized Infrastructure (s,c)	3	
INF 402 Windows Server Administration	3			INF 680 Network Architecture and Data Communication I	3	
INF 603 Big Data Analytics	3					
<b>CORE/CROSS CONCENTRATION TOTAL</b>	<b>39</b>			<i>Additional follow on page 2</i>		

