



# FORT HAYS STATE UNIVERSITY

## DEPARTMENT OF INFORMATICS

*Forward thinking. World ready.*

Phone: (785) 628-5373

Website: [www.fhsu.edu/informatics](http://www.fhsu.edu/informatics)

Email: [informatics@fhsu.edu](mailto:informatics@fhsu.edu)

### Degree Requirements for Bachelors in Information Networking and Telecommunications

<b>HEALTH INFORMATICS CONCENTRATION</b>						
<b>INFORMATICS MAJOR CORE (18 credit hours; 6 courses)</b>	Hr	Sm	Grd	<b>EMPHASIS ELECTIVES: HEALTH INFORMATICS (15 credit hours; 5 courses)</b>		
INF 250 Introduction to Web Development	3			INF 302 Windows Client Administration		
INF 300 Foundations of Information Networking	3			INF 304 Management Information Systems	3	
INF 405 Research Methods in Informatics	3			INF 305 Windows Server Administration	3	
INF 430 Technology Innovation and Entrepreneurial Leadership	3			INF 322 Topics in Informatics	3	
INF 490 Capstone Seminar in Informatics	3			INF 345 Electronic Game Theory and Practice	3	
INF 610 Public Policy, Ethics and Law in Telecommunications	3			INF 360 Programming with Python	3	
				INF 472 Readings in Informatics	3	
<b>CONCENTRATION REQUIREMENTS: HEALTH INFORMATICS (21 credit hours; 7 courses)</b>	Hr	Sm	Grd	INF 473 Problems in Informatics	3	
INF 291 Internetworking I (CCENT Prep)	3			INF 479 Internship in Informatics	3	
INF 292 Internetworking II (CCENT Prep)	3			INF 651 Front End Web Development I	3	
INF 393 Internetworking III (CCNA Prep)	3			INF 653 Back-End Web Development I	3	
NURS 440 Informatics for the RN	3			INF 662 Modern Telephony	3	
NURS 442 Legal and Ethical Issues in Healthcare	3			INF 664 Wireless and Cellular Systems	3	
INF 652 Database Design and Programming	3			INF 678 Seminar in Informatics	3	
INF 685 Fundamentals of Network Security	3			INF 684 Foundations of Information Systems Security	3	
				INF 686 Network Security Firewalls	3	
<b>Notes:</b>				INF 695 Advanced Routing	3	
				INF 697 Advanced LAN Switching	3	
<b>BACHELOR DEGREE REQUIREMENTS</b>					<b>BS</b>	
CORE/HEALTH INFORMATICS CONCENTRATION					39	
EMPHASIS ELECTIVES					15	
FREE ELECTIVE					32	
UNIVERSITY DEGREE REQUIREMENTS					34	
<b>TOTAL CREDIT HOURS</b>					<b>120</b>	