

**FORT HAYS STATE UNIVERSITY  
DEPARTMENT OF INFORMATICS**

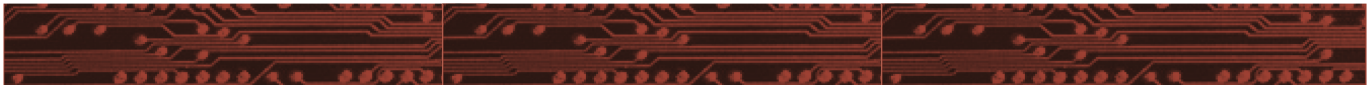
Phone: (785) 628-5373

Website: www.fhsu.edu/informatics

Email: informatics@fhsu.edu

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

<b>COMPUTER NETWORKING AND TELCOMMUNICATIONS CONCENTRATION</b>							
<b>INF 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 (F, S, c) (F, S, U, vc)	3						
INF 300 Foundations of Information Networking (F, c) (F, S, U, vc)	3				Hr	Sm	Grd
INF 405 Research Methods in Informatics (S, c) (F, S, vc)	3			INF 303 Computer Operating Systems	3		
INF 430 Technology Innovation and Entertpreneurial Leadership (F, c) (F, U, vc)	3			INF 394 Internetworking IV (CCNA Prep)	3		
INF 490 Capstone Seminar in Informatics (S of senior year, c & vc)	3			INF 472 Readings in Informatics(as approved by advisor)	3		
INF 610 Public Policy, Ethics and Law in Information Networking (S, c) (S, F, vc)	3			INF 473 Problems in Informatics (as approved by advisor)	3		
				INF 479 Internship in Informatics (encouraged, up to 6 hours)	3		
<b>CONCENTRATION REQUIREMENTS: COMPUTER NETWORKING &amp; TELECOMMUNICATIONS (15 hours)</b>	Hr	Sm	Grd	INF 605 Management Information Systems (F, vc)	3		
				INF 650 Interactive Systems Design (F, S, U, vc) (S, c)	3		
INF 291 Internetworking I (CCENT Prep) (F, c) (F, S, U, vc)	3			INF 651 Advanced Wed Development (F, c) (F, vc)	3		
INF 292 Internetworking II (CCCENT Prep) (S, c) (F, S, U, vc)	3			INF 653 Web Scripting Languages (S, c) (S, vc - even #d years)	3		
INF 680 Network Architecture and Data Communications I (F, c) (F, vc)	3			INF 654 Intro to Web-Enabled Database: MySQL (F,c)-Odd #d years (F, vc)	3		
INF 681 Network Architecture and Data Communications II (S, c) (S, vc)	3			INF 658 Law of Cyberspace (S, c) (S, F, U, vc)	3		
INF 393 Internetworking III (CCNA Prep) (F, c) (F, S, vc)	3			INF 660 Global Telecom (U,vc)-even #d years	3		
				INF 662 Modern Telephony (F, vc)	3		
<b>CROSS CONCENTRATION ELECTIVE: MEDIA STUDIES (3 hours)</b>	Hr	Sm	Grd	INF 664 Wireless and Cellular Systems (CWNA Prep)(F,c)	3		
<b>Choose one:</b>				INF 671 Linux for Networks (S,vc)	3		
INF 140 Introduction to Electronic Media (F, c) (F, U, vc)	3			INF 672 Advanced Linux in Networking (F, vc)	3		
INF 346 Beginning Video Production (F, c)	3			INF 678 Seminar in Informatics/Virtualized Infrastruture (S, c)	3		
INF 348 Beginning Audio Production (F, c) (S, U, vc)	3			INF 684 Foundations of Information Systems Security (F,vc)	3		
				INF 685 Fundamentals of Network Security (MCNS, CSPFA) (F, c) (F, vc)	3		
				INF 695 Advanced Routing (CCNP Prep 1) (S, c) (S, vc)	3		
<b>CROSS CONCENTRATION ELECTIVE: WEB DEVELOPMENT (3 hours)</b>	Hr	Sm	Grd	INF 697 Advanced LAN Switching (CCNP Prep 3) (S, c) (S, vc)	3		
<b>Choose one:</b>				INF 698 Internetwork Troubleshooting (CCNP Prep 4) (F, c) (F, vc)			
INF 650 Interactive Systems Design (F, c) (F, S, U, vc)	3			MGT 601 Project Management	3		
INF 651 Advanced Web Development (F, c) Even #d years (F, vc)	3			MIS 304 Management Information Systems (F, S, c) (F, S, vc)	3		
INF 658 Law of Cyberspace (F,c) (S, vc)	3			MIS 602 Information Systems Design and Development	3		
<b>CORE/CROSS CONCENTRATION TOTAL</b>	<b>39</b>			<i>Additional follow on page 2</i>			



**COMPUTER NETWORKING & TELECOMMUNICATIONS CONCENTRATION continued**

	Hr	Sm	Grd	REQUIRED GENERAL EDUCATION CLASSES	Hr	Sm	Grd
CSCI 262 Computer Science II	3			COMM 318 Intro to Organizational Communication	3		
CSCI 369 Java Programming	3			MATH 110 College Algebra (or higher)	3		
GSCI 240 Introduction to Geographic Information Systems	3			MATH 250 Elements of Statistics	3		
GSCI 290 Cartograohy: Theory and Applications	3						
GSCI 360 Intermediate Geographic Information Systems	3						
GSCI 425 Advanced Geographic Information Systems	3			<b>BACHELOR DEGREE REQUIREMENTS</b>		<b>BA</b>	<b>BS</b>
GSCI 474 Aerial Photographs and Remote Sensing	3			CORE/CROSS CONCENTRATION REQUIREMENTS		39	39
CSCI 261 Computer Science I (F, c)	3			EMPHASIS REQUIREMENTS/FREE ELECTIVE		20	30
				UNIVERSITY DEGREE REQUIREMENTS		65	55
<b>TOTAL MAJOR &amp; EMPHASIS REQUIREMENTS</b>	<b>54</b>			<b>TOTAL CREDIT HOURS</b>		<b>124</b>	<b>124</b>

Notes: