# FORT HAYS STATE UNIVERSITY
## DEPARTMENT OF INFORMATICS

*Forward thinking. World ready.*

Phone: (785) 628-5373          Website: www.fhsu.edu/informatics

Email: informatics@fhsu.edu

Degree Requirements for

Bachelors in Information Networking and Telecommunications

## WEB & MOBILE APPLICATION DEVELOPMENT CONCENTRATION

| INF MAJOR CORE (18 hours; 6 courses) | Hr | Sm | Grd |
|---|---|---|---|
| INF 250 Introduction to Web Development | 3 | | |
| INF 300 Foundations of Informatics | 3 | | |
| INF 405 Research Methods in Informatics | 3 | | |
| INF 430 Technology Innovation and Entertpreneurial Leadership | 3 | | |
| INF 490 Capstone Seminar in Informatics | 3 | | |
| INF 610 Public Policy, Ethics and Law in Information Networking | 3 | | |
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| CONCENTRATION REQUIREMENTS: WEB & MOBILE APPLICATION DEVELOPMENT (21 hours; 7 courses) | Hr | Sm | Grd |
| INF 360 Programming with Python | 3 | | |
| INF 650 Introduction to Human-Computer Interaction | 3 | | |
| INF 651 Front-End Web Development I | 3 | | |
| INF 652 Database Design and Programming | 3 | | |
| INF 653 Back-End Web Development I | 3 | | |
| INF 654 Mobile Web Development I | 3 | | |
| INF 655 Front-End Web Development II | 3 | | |
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| EMPHASIS ELECTIVES: WEB & MOBILE APPLICATION DEVELOPMENT (15 hours; 5 courses) | Hr | Sm | Grd |
| *Choose any 5 Informatics (INF) in consultation with advisor/mentor* | | | |
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| BACHELOR DEGREE REQUIREMENTS | | BS | |
| CORE/WEB DEVELOPMENT | | 39 | |
| EMPHASIS ELECTIVES | | 15 | |
| FREE ELECTIVE | | 32 | |
| UNIVERSITY DEGREE REQUIREMENTS | | 34 | |
| TOTAL CREDIT HOURS | | 120 | |

*Notes:*