Major Fact Sheet

Information Science

Web Development Technologies Concentration

What will I be studying?

The Bachelor of Science in Information Science program is meant to prepare you for leadership careers in a wide array of environments and contexts related to the emerging knowledge economy. The program integrates critical skills in information technology with the solid theoretical and disciplinary foundations of Information Science.

Web Development Technologies emphasizes full-stack (front-end and back-end) Web Development and Design.

SOC 100 – Main Office

CPR 364 - Advising

InfoStudies@usf.edu

https://www.usf.edu/arts-sciences/departments/information/index.aspx

Contact Us

Career Ideas!

Information Science Students focusing on Web Development work in these types of careers:

- Web Developer
- Full Stack Developer, UX Designer
- Web Programmer
- Web Application Developer

**Please note this is not a complete list of careers you can go into with this major.

Research

USF is a high-impact, global research university. Faculty in the School of Information have active research programs that involve collaborations with other USF units, centers, and institutes, as well as colleagues nationally and internationally. USF's iSchool has a strong record of funded research projects and other forms of significant scholarly productivity that contributes to the information field and related disciplines. A few areas of focus include:

DATA VISUALIZATION

DATA ANALYTICS

INTELLIGENCE AND SECURITY INFORMATICS

LIBRARY SCIENCE

Get Involved!

School of Information
BS in Information Science / Web Development Technologies

Example Four Year Plan

Year 1		
Fall	**Spring**	**Summer**
ENC 1101 English Composition 1	ENC 1102 English Composition 2	XXX Civics Literacy
XXX SGEM Core Mathematics / MAC 1105	STA 2023 Introductory Statistics	XXX XXXX 1000+ Gen Elective
XXX TGEC Creative Thinking	XXX TGEI Information Literacy	
XXX SGEH Core Humanities	XXX SGES Core Social Science	
Total Hours: 12	Total Hours: 12	Total Hours: 6

Year 2		
Fall	**Spring**	**Summer**
XXX SGEN Gen Ed Core Natural Science	MAC 1147 or MAD 2104 Discrete math Req.	XXX XXXX 3000+ Gen Elective
COP 2030 Programming Concepts	XXX XXXX 3000+ Gen Elective	XXX XXXX 3000+ Gen Elective
LIS 2780 Database Concepts	COP 2250 Object-Oriented Programming	
XXX TGED Human Diversity	XXX XXXX 1000+ Gen Elective	
Total Hours: 12	Total Hours: 12	Total Hours: 6

Year 3		
Fall	**Spring**	**Summer**
LIS 3261 Intro to Information Science	LIS 4414 Information Policy & Ethics / Ethical	LIS 4365 Web Design Technologies
LIS 3361 WWW Page Design/Management	LIS 3783 Information Architecture	
CIS 3360 Principles of Information Security	LIS 4482 Networks and Communication	
LIS 3353 IT Concepts for Info Professionals	LIS 4204 Information Behaviors	
XXX XXXX 1000+ Gen Elective		
Total Hours: 15	Total Hours: 12	Total Hours: 6

Year 4		
Fall	**Spring**	**Total Credits to Graduation**
ENC 3249 Communication for IT Professionals	LIS 4934 Senior Capstone for Information Pro	**Major Requirements:** 54 credit hours
LIS 3352 Interaction Design	XXX 3XXX+ WEB Concentration Elective	
XXX XXXX 3000+ Gen Elective	XXX XXXX 3000+ Gen Elective	**General Education Requirements:** 36 credit hours
XXX XXXX 3000+ Gen Elective	XXX XXXX 3000+ Gen Elective	
XXX XXXX 3000+ Gen Elective	XXX XXXX 1000+ Gen Elective	**Other Degree Requirements:** 30 credit hours
Total Hours: 15	Total Hours: 15	Total= 120

**May require completion of additional math pre-requisites (consider the MPT or CPT exams)