

# WEB DEVELOPMENT (B.S.)

---

This major incorporates the visual and oral communication aspects of web development with the technology knowledge components of networking and programming. Students in this program will be prepared to create well-designed websites and/or manage the creation of those websites and will also be prepared to implement and administer web servers. The emphasis of the program is on the design and development of server applications, site planning, page creation, tools, and technologies for server automation and hosting options.

## Major Program (64 credit hours)

Code	Title	Hours
<b>Required Courses</b>		
ARTD 101	2-D Design Principles	3
CMMA 122	Digital Photography	3
CMMA 222	Digital Photography Editing	3
CMMA 251	Multimedia Arts I	3
CMMA 318	Web Page Design	3
CMMA 325	2D Animation	3
CMMA 335	Web Publishing and Platforms	3
COMP/CMMA	Electives in Computer Science or Comm & Media Arts (300-400 level)	9
COMP 135	Introduction to Information Technology	3
COMP 200	Hardware & Architecture	3
COMP 201	Introduction to DBMS	3
COMP 205	Information Systems: Analysis and Design	3
COMP 207	Network Fundamentals	3
COMP 241	Web Programming Languages	3
COMP 253	JAVA with Data Structures	3
COMP 312	Server Installation and Configuration	3
COMP 430	E-Business	3
COMP 480	Senior Project	3
MATH 170	Applied Calculus	4
<b>Total Hours</b>		<b>64</b>

*Students work with their advisors in selecting additional elective credits to fulfill the 120 credit hours required for graduation.*