

# CLARION UNIVERSITY OF PENNSYLVANIA

## College of Business Administration and Information Sciences

### **REQUIREMENTS FOR MINOR IN WEB DEVELOPMENT:**

**24 CREDITS**

#### **1. Required Courses (21 Credits)**

		<u>CR.</u>	<u>GR.</u>	<u>SEMESTER COMPLETED</u>
CIS 202:	Intro to Programming & Algorithms I	3	___	_____
CIS 270:	Client-Side Web Programming	3	___	_____
CIS 370:	Server-Side Web Programming	3	___	_____
COM 371:	Publication Design	3	___	_____
COM 444:	WWW Publication Design	3	___	_____
ART 124:	Digital Art Foundation	3	___	_____
ART 250:	Intro to Graphic Design	3	___	_____

#### **2. Elective Course (3 Credits)**

ART 350:	Intermediate Graphic Des I- Typography	3	___	_____
ART 351:	Intermediate Graphic Des II- Photography	3	___	_____
ART 355:	Illustration	3	___	_____
CIS 301:	Systems Analysis & Design	3	___	_____
CIS 402:	Database Management Systems	3	___	_____
CIS 470:	Project Management	3	___	_____
COM 314:	Advertising Principles and Practice	3	___	_____
COM 375:	Photography	3	___	_____

\*All courses taken in the minor must be taken for a grade as stated in the CCPS Guidelines, Page 15.

\*A student must present a quality point average of 2.0 on a 4.0 scale in the minor.

**No Changes Since Fall 2013**