



INFORMATION SYSTEMS - WEB DEVELOPMENT

- Associate of Science in Information Systems – Web Development (AS)
- Certificate of Achievement in Information Systems Web Development

Students successfully completing this program will have the basic knowledge and skills of programming and technologies used to create web based, mobile device and stand-alone applications necessary to pursue a career in Information Systems. They will be able to enter the workforce with a comprehensive understanding of web design and web application development that can be applied in business, government or education.

Students planning to transfer to a UC or CSU may need to meet additional course requirements.

Program Contact: Daniel Morales • Program Counselor: Steve Jones

SEMESTER 1

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 15	Computer Concepts	3	
IS 31	Introduction to Programming	3	
IS 40A	Web Development with HTML	3	
ENGL 1A/1AH	Reading and Composition	4	Visit the Reading and Writing Center
GE REQ	Physical Education	1	Choose any physical education activity class
	TOTAL UNITS	14	Visit the Tutorial and Career Centers.

SEMESTER 2

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
IS 26A	Database Concepts and Design	3	
IS 40B	Advanced Web Development	4	
BA 39 or STAT 7	Finite Math for Business or Elementary Statistics	3-4	
BA 10	Introduction to Business	3	
ELECTIVE		3	Recommend PHIL 4 or 6
	TOTAL UNITS	16-17	Meet with your counselor to finalize your Student Education Plan (SEP)

This map is intended to be used as a tool in discussion with your counselor for the creation of your personalized Student Education Plan (SEP).

SEMESTER 3

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
BA 5	Business Communication	3	
GE REQ	Science	3-4	<i>Meet with your counselor/advisor for suggestions on general education requirements</i>
GE REQ	Social Sciences	3	<i>Recommend ECON 1A or 1B</i>
GE REQ	Oral Communication	3	<i>COMM 2 or 8</i>
GE	Physical Mental Wellness	3	<i>Discuss with your counselor/advisor options for general education and electives</i>
	TOTAL UNITS	16-17	<i>Apply to transfer to 4-year institution, if planning to transfer</i>

SEMESTER 4

COURSE NUMBER	COURSE TITLE	UNITS	ADVISING/ACTION NOTES (including elective suggestions, support services, embedded certificates etc.)
POLSCI 110 or POLSCI 2/2H	American Government	3	<i>Take POLSCI 2/2H, if planning to transfer</i>
GE REQ	Humanities	3	<i>Recommend PHIL 1C/1CH</i>
ELECTIVE		3	<i>Recommend BUS 26, 38, 38, 52</i>
GE REQ	Physical Education	1	<i>Choose any physical education activity class</i>
ELECTIVE		3	<i>Recommend ECON 1A, 1B or PHOTO 1</i>
ELECTIVE		2	<i>Choose any degree-applicable elective</i>
	TOTAL UNITS	14	<i>Apply for graduation with degree and certificate</i>

CAREER OPPORTUNITIES

Students with the degree may pursue careers in areas such as:
IS Technician, IS Network Technician, Web Developer and Database Administrators

Popular Transfer Programs:
CSU Fresno, Stanislaus

