



This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

Total Units: 26

First Year

Semester 1

8 Units

CAT.	COURSE	TITLE	UNIT
Req	CISC 320	Operating Systems	1
RE	CISP 300	Algorithm Design/Problem Solving	3
Req	CISW 300	Web Publishing	3
RE	CISW 350	Imaging for the Web	1

Semester 2

8 Units

CAT.	COURSE	TITLE	UNIT
Req	CISC 323	Linux Operating System	1
Req	CISC 324	Intermediate Linux Operating System	1
Req	CISP 350	Database Programming	3
RE	CISW 355	Web Imaging Projects	2
Req	CISW 370	Designing Accessible Websites	1

Second Year

Semester 3

10 Units

CAT.	COURSE	TITLE	UNIT
RE	CISW 304	Cascading Style Sheets	2
RE	CISW 310	Advanced Web Publishing	4
Req	CISW 410	Database-Driven Web Applications	4

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list

CAREER PATH

Career Options:

This certificate provides opportunities to develop the necessary skills for creating and maintaining interactive, database-driven web applications, for students seeking jobs in the fields of web-based programming and web application development.

Scheduling Notes:

- CISW 355 and 370 are offered in the spring.
- CISW 304 and 310 are offered occasionally. See the course schedule for their availability.
- CISC 323 and 324 are offered as sequential 8-week courses, so they can be taken in the same semester.
- CISW 410 is offered in the fall.