WATER TECHNOLOGY - CERTIFICATE OF COMPLETION

Doña Ana Community College 2025-2026 Catalog (28 credits)

Graduates of the one-year program have the capability to work in a municipal water or wastewater treatment plant.

NOTE: Students must earn a final grade of C- or better in all required WATR courses/Technical Requirements and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University certificate requirements, which include: General Education requirements and elective credits to total at least 28 credits (28 of credits listed for degree). Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
Related Requirements		
ENGL 1110G	Composition I [1]	4
Technical Requirements		
WATR 120	Introduction to Water Systems	3
WATR 130	Wastewater Collection and Basic Treatment Systems	3
WATR 140	Applied Water and Wastewater Math I	3
WATR 160	Systems Maintenance	4
WATR 182	Water Chemistry Analysis	1
WATR 190	Water and Wastewater Microbiology	3
WATR 192	Water and Wastewater Microbiological Analysis	1
WATR 200	Internship	3
Choose one from the following:		3
WATR 180	Water Chemistry	
CHEM 1111	Basic Chemistry [1]	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) [1]	
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors (or any higher level CHEM course of 3 or more credits) [1]	
Total Credits		**28**

[1] Course(s) are identical to those offered at New Mexico State University Las Cruces (main) Campus.

(28 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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Semester 1		Credits
WATR 120	Introduction to Water Systems	3
WATR 130	Wastewater Collection and Basic Treatment Systems	3
WATR 140	Applied Water and Wastewater Math I	3
WATR 160	Systems Maintenance	4
	Credits	**13**
Semester 2		
Area I: Communications – English Composition Level 1		4
ENGL 1110G	Composition I	
WATR 180	Water Chemistry	3
CHEM 1111	Basic Chemistry	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors (or any higher level CHEM course of 3 or more credits)	
WATR 182	Water Chemistry Analysis	1
WATR 190	Water and Wastewater Microbiology	3
WATR 192	Water and Wastewater Microbiological Analysis	1
WATR 200	Internship (3-5)	3
	Credits	**15**
	Total Credits	**28**