

Red Rocks Community College
 Water Quality Management Technology
 Bachelors of Applied Science Guided Pathway: Associates Degree

Students can use their previously earned Associates Degree and apply those credits towards a BAS in Water Quality. The general education requirements have all been filled. This is their guided pathway.

Junior Year

Course	Offered	Prerequisites	Credits	Grade/Sub Course
WQM 1000: Introduction to Water Quality Management	F, S		3	
WQM 1019: Basic Water Quality Analysis	F, S	ENG 1021	4	
WQM 1020: Equipment Maintenance	F		4	
WQM 2006: Design Interpretations	F, S		4	
WQM 2000: Hydraulics	S	MAT 1340	4	
WQM 2016: Bio/Bacteriological Water Analysis	S	WQM 1019	4	
WQM 217: Disinfection Techniques	S		4	
WQM 1026: Safety and Security Systems	S		3	

Senior Year

Course	Offered	Prerequisites	Credits	Grade/Sub Course
WQM 3012: Intro Safe Drinking Water Act OR WQM 3011: Intro Environmental Water Acts	F		2	
WQM 4021: Environmental Sampling and Containment	F	WQM 1019	3	
WQM 4027: Managing Water Projects	F		3	
WQM 3027: Water Industry Management	F		3	
WQM 4060: Source Water Management	S		3	
WQM 4055: Interrelationships Between Humans and Water Ecosystems	S		3	
WQM 3045: Principles of Hydrology	S	MAT 1340	3	
WQM 4028: Water Data Management and Analysis	S	MAT 1340	3	
WQM 4065: Water Toxicity Impacts on the Environment and Human Health	S	CHE 1011 AND BIO 1005 or CHE 1012	4	

WQM 4089: Senior Internship OR WQM 4080: Senior Capstone	F, S, M	Senior Status or 90 credits toward BAS degree completed	3	
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