

Name:

Water Quality Bachelors of Applied Science Course Checklist

General Education Requirements-GT pathways (37 Credits)

Course Number and Title	Credits	Grade
CHE 111: General College Chemistry I		
MAT 121: College Algebra		
ENG 121: English Composition 1		
ENG 122: English Composition 2		
COM 115: Public Speaking		
CHE 112 or BIO 111		
Arts and Humanities Elective (From GT-AH1, GT-AH2, GT-AH3, GT-AH4 Lists Only)		
Arts and Humanities Elective (From GT-AH1, GT-AH2, GT-AH3, GT-AH4 Lists Only)		
Social and Behavioral Science Elective (From GT-SS1, GT-SS2, GT-SS3 Lists Only)		
Social and Behavioral Science Elective (From GT-SS1, GT-SS2, GT-SS3 Lists Only)		
History Elective (From GT-HI1 List Only)		

Lower Division Water Quality Management Courses (30 credits)

Course Number and Title	Credits	Grade
WQM 100: Introduction to Water Quality		
WQM 119: Basic Water Quality Analysis (Pre-requisite: ENG 121)		
WQM 120: Equipment Maintenance		
WQM 126: Safety and Security Systems		
WQM 200: Hydraulics (Pre-requisite: MAT 121)		
WQM 206: Design Interpretations		
WQM 216: Bio/Bacteriological Analysis (Pre-requisite: WQM 119)		
WQM 217: Disinfection		

Upper Division Water Quality Management Courses (30 credits)

Course Number and Title	Credits	Grade
WQM 311: Survey of Environmental Acts		
WQM 312: Survey of the Safe Drinking Water Act		
WQM 345: Principles of Hydrology (Pre-requisite: MAT 121)		
WQM 421: Environmental Sampling/Containment (Pre-requisite: WQM 119)		
WQM 460: Source Water Management		
WQM 465: Water Toxicity Impacts on the Environment and Human Health (Pre-requisite: CHE 111 AND BIO 105 or CHE 112)		
WQM 455: Interrelationships Between Humans and Water Ecosystems		
WQM 427: Managing Water Projects		
WQM 327: Water Industry Management		
WQM 428: Water Data Management and Analysis (Pre-requisite: MAT 121)		
WQM 489 OR WQM 480: Senior Internship or Capstone (Pre-requisite: Senior Status, or 90 credits toward BAS degree completed)		

