

**Water and Wastewater Management and Technology Associate in Science Degree** 240102 WWT

Available: Shoals Campus  
 Advisor: S. McGouyrk (5246) [stevem@nwsc.edu](mailto:stevem@nwsc.edu)  
 M. Murphy (6246) [docm@nwsc.edu](mailto:docm@nwsc.edu)

\*This program is designed as a guideline for students who plan to transfer to four-year institutions offering a degree in water and wastewater management and technology.

**Entering students are required to complete ORI 101. Transfer students are exempt from this requirement.**

		Semester Hours
Area I:	Written Composition ..... 6 **ENG 101 and 102	6
Area II:	Humanities and Fine Arts ..... 12 ***Literature: ENG 271 and 272 ..... 6 SPH 107 ..... 3 Elective: Choose one course from among ART 100, MUS 101, PHL 106, PHL 206*, THR 120, Foreign Language* ..... 3	12
Area III:	Natural Sciences and Mathematics ..... 11 Science: Choose two core courses from among CHM 104, 105, 111, and 112 (Chemistry Sequence Preferred) BIO 103, 104, PHY 201, 202, 213, 214 PHS 111, 112, 120 ..... 8 Math: Choose one from MTH 112 or above ..... 3	11
Area IV:	History, Social and Behavioral Science ..... 12 ***History: HIS 101 and 102 or HIS 201 and 202 ..... 6 Social and Behavioral Sciences: Choose two courses from among ECO 231, GEO 100, POL 200, PSY 200, SOC 200 ..... 6	12
Area V:	Pre-Professional, Pre-Major Courses ..... 21 WMT 290, WMT 291 or CIS Elective ..... 3 WMT 100, WMT 101, WMT 102, WMT 120, WMT 213, WMT 214 ..... 18	21
<b>Total Semester Transfer Hours</b> .....		<b>62</b>

\*This program specifically links to the Public Safety Administration program at Athens State University. Students transferring to other institutions should consult with the senior institution concerning transferability of PHS 120 and the WMT classes.

\*\*Keyboarding skills are essential for the successful completion of English 101.

\*\*\*See note 2 on page 44.

**Water and Wastewater Management and Technology Short-Term Certificate** 150506 W&M

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This certificate is designed to prepare students for employment in positions related to water and wastewater. Also, see the A.S. Degree program under University Parallel programs.

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		Semester		
		Theory	Lab	Hours
WMT 100	Water Supply and Wastewater Control	3	0	3
WMT 101	Introduction to Water Treatment Processes	3	0	3
WMT 102	Introduction to Wastewater Treatment Processes	3	0	3
WMT 120	Sanitary Chemistry and Biology	3	0	3
WMT 213	Water and Wastewater Instrumentation and Controls	3	0	3
WMT 214	Basic Hydraulics for Water and Wastewater Technology	3	0	3
WMT 290	Industrial Internship I or WMT 291 Municipal Internship I or CIS Elective	0	15	3
<b>Total Semester Credit Hours</b> .....				<b>21</b>