

Associate of Applied Science Water/Wastewater Specialization



PURPOSE: The Water/Wastewater Major student will take course work from a wide array of natural resource offerings. These courses stress the practical application of scientific principles to the treatment of water for human consumption and for protection of water resources.

First Year

Fall Semester				
	ENG	111	College Composition	3
	ENV	110	Intro to Water-Wastewater Technology	3
	ENV	220	Environmental Problems	3
	MTH	105	Survey of Tech Math I	2
	SCT	111	Intro to Env/Science Tech I	4
	SDV	100	College Success Skills	1

Spring Semester				
	ENV	115	Water Purification	3
			Humanities Elective	3
	MTH	106	Survey of Tech Math II	2
	NAS	106	Conservation of Natural Resources	3
			*Technical Elective	3

Second Year

Fall Semester				
	ENV	108	Environmental Microbiology	3
	ENV	149	Wastewater Treatment Plant Operation	3
	ENV	227	Environmental Law	3
			Social Science Elective	3
			Elective	3
	HLT or PED			1

Spring Semester				
	CIV	240	Fluid Mechanics/Hydraulics	3
	CIV	246	Water Resource Technology	3
	ENV	211	Sanitary BIO and Chem	3
	ENV	290	Coordinated Internship in Environmental Science	4
	Social Science		Elective	3
Total Minimum Credits for Degree				67

* Should be chosen with academic advisor.

Distance Education Option

The entire Water/Wastewater Program can be completed through distance education courses. All technical courses are available through at www.mecc.edu. All support courses are available through either video or web-based instruction.

Opportunities for Employment

The Associate of Applied Science degree program in Environmental Science is designed to prepare students for employment in municipal and industrial treatment facilities and laboratories. State agencies and private companies also employ MECC Environmental Science graduates. As environmental concerns continue to make news headlines, the job market continues to expand.

Special Considerations

Entry into the program requires taking the English and mathematics placement tests. If deficiencies are found, you will be required to correct them. Students may not take a course out of normal sequence without the approval of your advisor. Approval will be based on practical experience and courses previously completed. Students may receive regular college course credit for on-the-job experience or vocational school training if it is validated and approved by the College. If you feel you may benefit from this, you are urged to contact your advisor.

Opportunities for Advancement

Coursework in the Water/Wastewater Major prepares students for the state certification exam required for a water or wastewater operator's license. This license is essential for career advancement. Students will also be able to keep abreast of technological advances in the field of environmental science, thus furthering career opportunities in this and related fields.

Program Contact: Chuks Ogbonnaya, cogbonnaya@mecc.edu, 276.523.2400 ext. 276

Program Contact: Rosa Cooke, rcooke@mecc.edu, 276.523.2400 ext. 364

Thomas Clements, Dean, tclements@mecc.edu, 276.523.2400 ext. 431