

CHEMICAL TECHNOLOGY (0189)

ASSOCIATE IN SCIENCE DEGREE

SOME DEGREE SPECIFIC COURSES OFFERED AT PALATKA CAMPUS ONLY

This program prepares students to conduct chemical and physical laboratory tests for various purposes such as environmental testing, air, soil, and water quality testing, analysis of foods, and manufacturing production involving chemical testing. This program is not intended for those students who plan to pursue the B.S. degree in Chemistry.

For additional information, call (386) 312-4183.

GENERAL EDUCATION COURSES:

	ENC	1101	Composition I.....	3
+	ENC	1102	Composition II.....	3
	MAC	1105	College Algebra.....	3
*	_____	_____	Social Science.....	3
+*	_____	_____	Humanities.....	3

DEGREE SPECIFIC COURSES:

	CGS	1100	Microcomputer Applications Software.....	3
+	CGS	1515	Spreadsheet Concepts for Business.....	3
+	CHM	1045	General Chemistry I.....	3
	CHM	1045L	General Chemistry I Lab.....	1
+	CHM	1046	General Chemistry II.....	3
	CHM	1046L	General Chemistry II Lab.....	1
+	CHM	2210	Organic Chemistry I.....	3
	CHM	2210L	Organic Chemistry I Lab.....	1
+	CHM	2211	Organic Chemistry II.....	3
	CHM	2211L	Organic Chemistry II Lab.....	1
+	ENC	2210	Technical and Professional Report Writing.....	3
	STA	2023	Elementary Statistics.....	3
	_____	_____	Electives.....	1-5

SPECIALIZATION - OPTION A (Chemical Instrumentation Technology)

+	CHM	2120C	Quantitative Analysis.....	4
+	CHM	2132C	Instrumental Analysis.....	4
+	PHY	1053/L	General Physics I.....	4
and				
+	PHY	1054/L	General Physics II.....	4
or				
+	PHY	2048/L	Physics I with Calculus.....	4
and				
+	PHY	2049/L	Physics II with Calculus.....	4

SPECIALIZATION - OPTION B (Biomedical Technology)

	BSC	2010/L	Principles of Biology I.....	4
+	BSC	2011/L	Principles of Biology II.....	4
	BSC	2085/L	Human Anatomy and Physiology I.....	4
+	BSC	2086/L	Human Anatomy and Physiology II.....	4
+	MCB	2010/L	Microbiology.....	4

REQUIRED TOTAL CREDIT HOURS 64

*Refer to A.A. degree general education requirements.

+Prerequisite course required. See course descriptions in catalog.