

# Aquaculture



Aquaculture operations for food production encompass a wide variety of species and culture techniques. In addition to food production, aquaculture activities include production of fish for conservation, recreational purposes, and production for ornamental species. The global demand for aquaculture products is growing, along with demands for stewardship, sustainability and food safety and security. This programme combines considerable knowledge of fish health and production with significant hands-on operational experience and business training so that graduates can understand the diverse challenges facing aquaculture enterprises.

**Department:** [Aquaculture](#)

**Type:** Associate of Science

## Year I: Semester I

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MATH 1001	College Mathematics	3
BIOL 1001	College Biology	4
CHEM 1001	Fundamentals of Chemistry	4
AGRI 1103	Farm Skills I	2
AGRI 1102	Introduction to Agriculture	2
EDUC 1001	Student Success and Development	1

## Year I: Semester II

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
COMM 1001	College English	3
AGRI 1202	Farm Skills II	2
EDUC 1002	Physical Development	1
COMP 1002	Computer Essentials	2
AGBU 2101	Principles of Agriculture Economics, Finance & Marketing	3
MARN 1201	Introduction to Marine Ecology	3
MASC 1102	Introduction to Aquaculture	4

## Year I Semester III

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AQCL 1301	Aquaculture Internship	3

## Year II: Semester I

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MASC 2103	Marine Field Skills	2
AGBU 2201	Principles of Agribusiness Management	3
EDUC 2001	Introduction to Research Methods	2
AQCL 2101	Fish Nutrition and Health	4
MARN 2102	Tropical Ichthyology	3
	Aquaculture Elective	2

## Year II: Semester II

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
AGRI 2208	Post-Harvest Management	3
BIOL 2001	Genetics	4
COMM 2001	Extension and Communication	3
AQCL 2201	Aquaponics	4
EDUC 2201	Directed Study	3
	<b>Total credits:</b>	<b>70</b>