

Study plan and options for Master in Aquaculture 2020/2021

Students with weak background – “biology”:

Year	Semester	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	
2	Juni							
	Vår		Masteroppgave					
	Januar							
	Høst		AQN350		AQN351	Internship	Internship	
	August	Internship						
1	Juni	AQQ253						
	Vår		AQP211	AQB270	AQT252	HFE200 (AQN251)		
	Januar	AQP211						
	Høst		BIO314	AQT254	AQT251			
	August	AQX251						

Students with weak background – “technology”:

Year	Semester	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	
2	Juni							
	Vår		Masteroppgave					
	Januar							
	Høst					Internship	Internship	
	August	Internship						
1	Juni	AQQ253						
	Vår		AQP211	AQB270	AQT252	AQP350		
	Januar	AQP211						
	Høst		BIO314	AQT254	AQT251			
	August	AQX251						

Students with BSc in aquaculture – “biology”:

Year	Semester	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	
2	Juni							
	Vår		Masteroppgave					
	Januar	SDG300						
	Høst		Masteroppgave, Internship, eller andre emner					
	August							
1	Juni	AQQ253						
	Vår		AQP211	AQT252		HFE308		
	Januar	AQP211						
	Høst		BIO314	AQT254	AQN351	AQN350		
	August	AQX251						

Students with BSc in aquaculture – “technology”:

Year	Semester	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	5 ECTS	
2	Juni							
	Vår		Masteroppgave					
	Januar	SDG300						
	Høst		Masteroppgave, Internship, eller andre emner					
	August							
1	Juni	AQQ253						
	Vår		AQP211	AQT252		AQP350		
	Januar	AQP211						
	Høst		BIO314	AQT254	AQT251	AQN350		
	August	AQX251						

Compulsory courses/activity (cr=credits):

- AQX251 (5 cr): General aquaculture
- AQN251 (10 cr): General aquaculture – nutrition
- BIO314 (5 cr): Fish physiology
- AQT254 (5 cr): Aquaculture production
- AQP211 (10 cr): Production technology in aquaculture
- AQB270 (5 credits): Aquaculture breeding and genetics
- The following two courses are recommended for specialisation, but other 300 courses may be approved, in agreement with the supervisor:
 - AQP350 (10 cr.): Planning and Design of Intensive Fish Farms
 - or AQN350 (10 cr.): Aquaculture nutrition + AQN351 (5 cr) Sustainable ingredients in aquafeeds
- Master thesis normally 60 cr.
- 30 cr. thesis may also be approved, but you will then need to take in total 30 course credits on the 300-level.

Optional courses (suggestions):***Autumn parallel***

AQT251 (5 cred.): Laboratory course in International Aquaculture, part 1

AQN351 (5 cred): Sustainable ingredients in aquafeeds

HFX207 (5 cred.): Introduction to Animal Production and Fish Farming in Developing countries.

BIO322 (10 cred) Molecular Genomics

ECN230 (10 cred.) International Economics

January block

SDG300 (5 cred): Sustainable development goals in plant and animal food systems

Spring parallel

AQT252 (10 cred.): Laboratory course in International Aquaculture, part 2

FMI309 (10 cred.): Environmental Pollutants and Ecotoxicology (starts in Jan. block)

HFA300 (10 credits): Animal Breeding Plans (require AQB200)

HFA304 (10 cred) Theory and Application of Inbreeding Management

BIN300 (10 cred.) Statistical Genomics

June block

AQQ253 (5 cr, June): Product Quality in Aquaculture