

Management in the Aquaculture Industry (I002165)

Wegens Covid19 kan mogelijk afgeweken worden van de onderwijs- en evaluatievormen. Dergelijke afwijkingen zullen via Ufora worden gecommuniceerd.

Cursusomvang *(nominale waarden; effectieve waarden kunnen verschillen per opleiding)*

Studiepunten 3.0 **Studietijd** 75 u **Contacturen** 30.0 u

Aanbodsessies en werkvormen in academiejaar 2022-2023

A (semester 1)	Engels	Gent	werkcollege: geleide oefeningen	15.0 u
			hoorcollege	15.0 u

Lesgevers in academiejaar 2022-2023

Bossier, Peter	LA22	Verantwoordelijk lesgever
Drouillon, Margriet	LA22	Medelesgever

Aangeboden in onderstaande opleidingen in 2022-2023

	stptn	aanbodsessie
Master of Science in Aquaculture	3	A
Uitwisselingsprogramma bio-ingenieurswetenschappen: landbouwkunde (niveau master-na-bachelor)	3	A

Onderwijstalen

Engels

Trefwoorden

Accounting, budgeting, financial management, economics, aquaculture farm.

Situering

This course aims at the understanding of the economics and financial aspects of a typical aquaculture venture.

Inhoud

1. Concept of profit
2. Profit and loss account
3. Balance sheet
4. Cash flow
5. Sales and Purchases versus receipts and payments
6. Importance of valuations
7. Depreciations, assets, liabilities, net worth and output
8. Account formats
9. Optimizing the financial resources of a company: working capital management, cash conversion cycle.
Exercise: comparison of working capital management of different companies active in the aquaculture industry
10. Breakeven analysis & relevant costing, exercises on investment decisions (subcontracting, machine replacement, ...) and assessment of product profitability
11. Understanding net present value (NPV) and internal rate of return (IRR), making decisions using NPV and IRR, case based teaching using a case from Harvard Business School on IRR and NPV
12. Introduction to strategic management, Porter's five forces and Blue Ocean Strategy, case-based teaching using an INSEAD case on Blue Ocean Strategy
13. Certification on the fisheries supply chain, food market, globalGAP aquaculture

Begincompetenties

General biology, chemistry, biochemistry and basic knowledge on aquaculture.

Eindcompetenties

- 1 The student has insight into the principle of business accounts and is able to make a balance sheet, a profit /loss account and a cash flow.
- 2 The student can perform breakeven analysis.
- 3 The student has insight into strategic management frameworks.
- 4 The student can evaluate working capital management of an aquaculture of seafood trading company.
- 5 The student can make decisions based on relevant costing techniques and on net present value and internal rate of return.
- 6 The student has knowledge on certification in the fisheries supply chain

Creditcontractvoorwaarde

Toelating tot dit opleidingsonderdeel via creditcontract is mogelijk mits gunstige beoordeling van de competenties

Examencontractvoorwaarde

Dit opleidingsonderdeel kan niet via examencontract gevolgd worden

Didactische werkvormen

Hoorcollege, werkcollege: geleide oefeningen

Toelichtingen bij de didactische werkvormen

Theory lectures: lectures based on powerpoint presentations.

Guided exercises: case study based exercises.

Leermateriaal

Printouts of the powerpoint presentation will be available during all classes.

Estimated cost of the printouts: 17 euro (included in fee that is paid in the beginning of the academical year).

Referenties

Vakinhoudelijke studiebegeleiding

Study guidance upon request by email or on appointment.

Evaluatiemomenten

periodegebonden evaluatie

Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode

Schriftelijk examen, openboekexamen

Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode

Schriftelijk examen, openboekexamen

Evaluatievormen bij niet-periodegebonden evaluatie

Participatie

Tweede examenkans in geval van niet-periodegebonden evaluatie

Examen in de tweede examenperiode is niet mogelijk

Toelichtingen bij de evaluatievormen

Period aligned evaluation: theory: written exam (both open en closed book part).

Non-period aligned evaluation: guided exercises: participation.

Eindscoreberekening

Out of 20:

20 points attributed to written exam

Students who eschew period aligned and/or non-period aligned evaluations for this course unit may be failed by the examiner.