

## Management in the Aquaculture Industry (I002165)

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

**Studiepunten 3.0** **Studietijd 75 u**

**Aanbodsessies en werkvormen in academiejaar 2024-2025**

A (semester 1)	Engels	Gent	werkcollege	
			groepswerk	0.0u
			hoorcollege	
			zelfstandig werk	0.0u

**Lesgevers in academiejaar 2024-2025**

Drouillon, Margriet LA22 Verantwoordelijk lesgever

**Aangeboden in onderstaande opleidingen in 2024-2025**

	stptn	aanbodsessie
<a href="#">Master of Science in Aquaculture</a>	3	A
<a href="#">Uitwisselingsprogramma bio-ingenieurswetenschappen: landbouwkunde (niveau master-na-bachelor)</a>	3	A

**Onderwijstalen**

Engels

**Trefwoorden**

Financial management, bussiness accounts, investment analysis, price volume analysis, relevant costing, net present value, aquaculture farm

**Situering**

This course provides the student with the basics of financial management and in particular, aquaculture businesses.

**Inhoud**

1. Business accounts: composition and interpretation of:
  - Profit and loss statement
  - Balance sheet
  - Cash flow statement
2. Analyzing the profitability, liquidity and solvency of a company based on its business accounts
3. Optimizing the financial resources of a company: working capital management, cash conversion cycle. Comparison of working capital management of different companies active in the aquaculture industry
4. Breakeven analysis & relevant costing, exercises on investment decisions (subcontracting, machine replacement, ...) and assessment of product profitability
5. 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
6. Introduction to strategic management, Porter's five forces and Blue Ocean Strategy, case-based teaching using an INSEAD case on Blue Ocean Strategy

**Begincompetenties**

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

**Eindcompetenties**

- 1 The student can analyze business accounts (balance sheet, profit/loss account and cash

(Goedgekeurd)

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 a (n) (aquaculture or seafood trading) company.

5 The student can make decisions based on relevant costing techniques and on net present value and internal rate of return.

#### **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**

Groepswerk, Werkcollege, Hoorcollege, Zelfstandig werk

#### **Toelichtingen bij de didactische werkvormen**

Theory lectures: lectures based on powerpoint presentations.

Guided exercises: case-study based exercises, class discussions

#### **Studiemateriaal**

Geen

#### **Referenties**

#### **Vakinhoudelijke studiebegeleiding**

Study guidance upon request by email or on appointment.

#### **Evaluatiemomenten**

periodegebonden evaluatie

#### **Evaluatievormen bij periodegebonden evaluatie in de eerste examenperiode**

Professioneel handelen, Schriftelijke evaluatie open boek, Schriftelijke evaluatie

#### **Evaluatievormen bij periodegebonden evaluatie in de tweede examenperiode**

Professioneel handelen, Schriftelijke evaluatie open boek, Schriftelijke evaluatie

#### **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.