

## CAREER OPPORTUNITIES

The programme offers career opportunities through dairy production and chain innovations as well as capacity to facilitate processes of change in the international dairy sector. Both qualities are essential for the three job profiles for which this Master is intended: 1) the dairy farm manager, who is responsible for overall management and supervision of employees and communication with experts; 2) the dairy farm advisor, who advises on innovations that lead to increased governance, efficiency and sustainability of a company in the chain or of the entire chain; 3) the dairy chain facilitator, who works for a processing enterprise and is responsible for ensuring a steady supply of clean milk while considering consumer demands. Professionals in education and research are invited to apply as well.

The programme has 60 credits to be obtained in one study year. It is also possible to attend the programme part-time in two or three years, in that case terms 1 and 2 will be concluded with a certificate. The thesis research will preferably be conducted in the home country of the student.



International  
Graduate  
Programme

**Master  
Innovative  
Dairy Chain  
Management  
(MSc)**



**van hall  
larenstein**  
university of applied sciences



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1 year | Master | English taught  
programme | Leeuwarden

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# Overview modules

Term 1	<b>1. Dairy Chain Innovations</b>  Topics: - Innovation - Dairy value chain and networks - Dairy husbandry and production - Communication skills - Teamwork and collaboration  7 credits	<b>2. Dairy Business Development</b>  Topics: - Project management skills - Management and leadership skills - Farm management - Business development  7 credits	<b>7. Professional Development</b>  Topics: - Studying and ICT at VHL - Personal and professional development - Excursion(s)  4 credits
Term 2	<b>5. Dairy Chain Governance</b>  Topics: - Dairy value chain and networks - Chain governance and facilitation - Mainstream policy development - Organisations and change  7 credits	<b>4. Quality Assurance</b>  Topics: - Dairy production - Herd health - Milk safety - Milk quality and composition - Crisis management - Networking  7 credits	
Terms 3 and 4	<b>5. Research Design and implementation</b>  Topics: - Conceptual design - Implementation and reporting - Data analysis - Proposal development  7 credits	<b>6. Thesis</b>  Topics: - Research implementation - Thesis defence  21 credits	

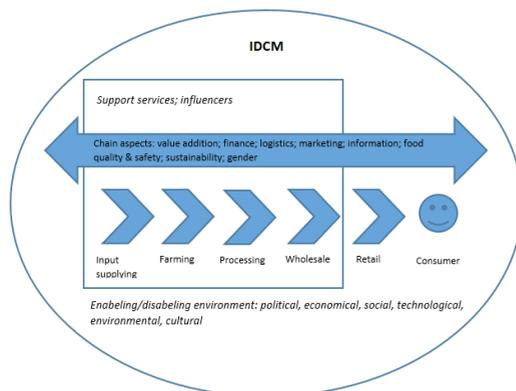
# CHANGES AND INNOVATIONS IN THE INTERNATIONAL DAIRY SECTOR

The Master IDCM focuses on farms delivering milk of sufficient quantity and excellent quality in a profitable manner while adhering to quality and safety requirements of the chain. IDCM is suitable for candidates interested in modern and highly developed dairy chains, and the Netherlands' dairy industry is used as example for innovations. It also focuses on milk processing from the perspective of processing companies, collaborating with stakeholders in the chain or supporting the chain. "Innovative" stands for creativity in dealing with complex situations such as: developing scenarios for farms and the sector as a whole for uncertainties as opposed to traditional advisory services; developing strategies for changing circumstances; innovative technologies in production, processing and in chain governance; and the establishment of farms in new countries or new areas.

## COMPETENCES

Upon graduating, you will be able to:

- identify innovative needs in (inter) national dairy chain projects and processes
- advise on dairy business development
- facilitate dairy chain governance towards sustainability and efficiency
- mainstream policy development for inclusive dairy value chains
- manage quality assurance in the dairy chain
- conduct applied research in a dairy value chain
- communicate effectively and convincingly in a varying multicultural sector
- apply an independent and creative learning attitude in a continuously changing international business environment



**Price:** €13.500,-  
**Degree:** MSc (master of science)