

AERES UNIVERSITY OF APPLIED SCIENCES

Aeres University of Applied Sciences is rooted in green and instructive higher education. The university has three faculties: Almere, Dronten and Wageningen. The faculties each have their own profile which translates into a specific education and research programme.



With its focus on **Food, Nature & Urban Green**, **Aeres University of Applied Sciences Almere** specialises in study programmes and practical research in which the green knowledge domain is linked to the urban environment. Major fields of interest are biology, food, health, sustainability and innovative green planning. The faculty is a partner in the development of the Flevo Campus, a knowledge hub where educators, scientists, entrepreneurs and authorities meet around the theme of "Feeding the City".

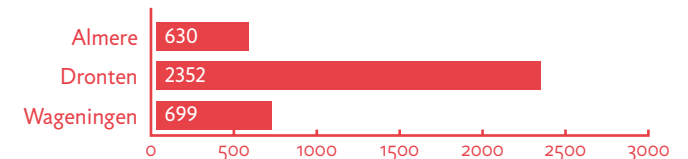
The focus of **Aeres University of Applied Sciences Wageningen**, the faculty specialising in skills and knowledge transfer, is on **Sustainable Learning and Development**. At Wageningen we train trainers and knowledge managers for careers at vocational schools and in companies in the green, food, hospitality, catering and food technology sectors. The unique feature of Wageningen is that it is the only campus in the Netherlands where students can obtain a grade-two teaching qualification in green vocational subjects.

Introducing Aeres University of Applied Sciences

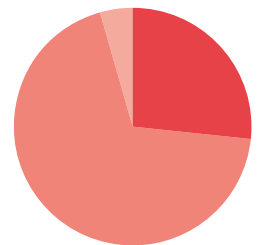
Aeres University of Applied Sciences Dronten specialises in agribusiness in all its facets: **Agrifood and Entrepreneurship**, and **People, Animals And Health**. Corporate social responsibility and sustainable development are two main areas of focus in the sector. The Agri Innovation Centre, where agritechnical education and research come together, is a breeding ground for new developments such as vertical farming, sustainable soil management and precision agriculture.



About **3681** students
on Aeres University of Applied Sciences
in total



2 masters
12 ad's
31 bachelors



203 foreign
students
29 different
countries



The agribusiness sector has much to do if it is to meet the requirements of the Climate Agreement over the next few years. Aeres University of Applied Sciences students were challenged by the Dutch Prime Minister Mark Rutte to come up with innovative ideas that could contribute to improving the climate.

Divided into three themes – soil, circularity and reducing CO₂ emissions – on 9 September 2019 students presented 14 sample projects on posters which they designed themselves:

1. Soil

- + Saving peat soils with paludiculture
- + Innovative measurement techniques for effective and sustainable soil management
- + Limiting soil compaction with permanent traffic lanes
- + Improving the soil by sowing wildflowers

2. Circularity

- + Onion skins as a green heat source
- + Biodegradable plant pots
- + Pulp Kitchen: make cookies from pulp leftovers
- + Making plastic packaging recyclable using mono-materials
- + Bees, biodiversity and biogas
- + Warm manure for a warm home

3. Reducing CO₂

- + Breeding for the climate
- + Reducing greenhouse gases by intensifying regional cooperation
- + Monetising the CO₂ storage capacity of Dutch soil
- + Maximising returns from manure

Inspirational Climate Enterprise

Aeres University of Applied Sciences Dronten has its own farms (Aeres Farms) on which the livestock and arable businesses work together in a smart way, for example to achieve net higher carbon capture. Students, teachers and lecturers also work together on the farms on issues involving grassland, grazing, soil, precision agriculture, etc.

It is our explicit wish to develop Aeres Farms into an Inspirational Climate Enterprise where new developments that contribute to solutions for global climate issues are systematically worked on. Research is conducted on an ongoing basis on themes such as circular agriculture, biodiversity, CO₂ capture, alternative protein production, sustainable soils and energy sources, the results of which benefit education, business and society alike.

Practical facilities for education and research

Aeres Farms:

- + One arable farm and three types of dairy farms totalling 350 ha for organic and conventional agriculture
- + A pig farm with sows, piglets and fattening pigs; 679 fattening pigs were sold in 2017
- + A poultry house with 1000 laying hens, 3*** Better Life quality mark
- + A horse retirement livery for 40 horses

