



HAS Training and Consultancy

Postbus 90108
5200 MA 's-Hertogenbosch
T: 088 - 890 36 37
F: 088 - 890 36 40
haskennistransfer@has.nl
www.haskennistransfer.nl

HAS University of applied sciences, location Den Bosch

Onderwijsboulevard 221
5223 DE 's-Hertogenbosch

HAS University of applied sciences, location Venlo

Spoorstraat 62
5911 KJ Venlo

Plant Physiology in one week

Plant Physiology in one week



Scope

There is a trend towards doing more with less. We have ever-growing expectations for our crops: more yield, higher quality, but with lower inputs. Having sufficient knowledge of the functioning of plants and thus of plant physiology is essential for optimum crop management.

About this course

This study programme addresses the various aspects of plant physiology. Plant physiology deals with the functioning of plants and how they react to changes in environmental factors such as light, water and soil. After the course the participants have enough knowledge of the functioning of the plant and plant physiology to be able to control better, to monitor and if necessary adjust or redirect the growth/crop in order to get optimal yield results.

For who?

This study programme has been set up for anyone who has to deal with plant production and who wants to gain further knowledge of plant physiology, e.g. horticultural entrepreneurs, cultivation/crop managers/specialists, (head) growers and crop production employees. The language of the course is English.

What you can expect

This study programme will give you the knowledge and insights into plant physiology that you need to enable you to make informed choices when you are optimising the cultivation process. We will teach you the theory that you will subsequently prove in practice, for instance together with your fellow students during lecturer-led group discussions. Practical sessions are also part of the study programme. By trying out the theory on your own crop and those of your fellow course members during the

teaching periods, we ensure that we can tailor the study programme in the best way possible for your own situation in practice.

The course consists of 5 modules:

1. Photosynthesis
2. Water management
3. Respiration & hormones
4. Plant cells and DNA
5. Soil and plant nutrition

Requirements

This course is taught at higher professional (HBO) undergraduate level. Participants should therefore have a minimum of upper secondary vocational level (MBO) or equivalent.

Course duration

The course consists of four days in one week. Course days are from 9.00 am to 5.00 pm. It is possible to visit IPM Essen at Friday (not facilitated).

Price and data

For actual prices and start data, visit our website www.has.nl/en/training

Locations

HAS University of applied sciences, the Netherlands

Certification

If you have completed all the courses, you will receive the certificate in Plant Physiology from HAS University of Applied Sciences, Training and Consultancy.

EXPECTED STUDYLOAD: One week
DURATION: 5 modules
CONTACT PERSON: Lamiaa Fareh
lfareh@has.nl / 088 890 3774