

Course: Practical Learning Period

credits: 30

Course code	BFVH25STAGE	Modes of delivery	Work placement
Name	Practical Learning Period	Assessments	Practical Learning Period - Other assessment
Study year	2026-2027		
ECTS credits	30		
Language	Dutch, with parts in English		
Coordinator	R. Wedema		

Learning outcomes

During the internship period, students will further develop the knowledge, skills and competences required for the professional working environment. In consultation with the professional field, the domain has drawn up a competence-oriented profile for the Bachelor of Applied Science.

The internship has several objectives:

- The internship is an introduction to the future professional environment. The emphasis during the internship period is on orientation: you should gain insight into the purpose, function and functioning of the various departments within the organisation. It is also instructive during this internship to experience what it means to work routinely and according to a fixed schedule.
- Learning and applying the desired professional attitude, profession-specific skills and knowledge in preparation for working in the professional field.
- Acquiring the relevant competences at the appropriate level.

Content

In order to prepare students for professional practice, the programme includes an internship period. The aim of this internship period is to prepare students for the professional environment. The emphasis of the internship is on learning to function in the professional field by carrying out an internship assignment. Students do their internship at an organisation that offers internships, such as a company, university, research institute, etc. The internship period consists of the second half of year 3 or the first half of year 4. The period consists exclusively of the internship assignment of 30 EC. In special cases, a different period is possible in consultation with the mentor and internship coordinator.

For information about the internship, the Brightspace course "Internship and graduation" is available. OnStage is used as a tracking and administration system. The link to OnStage can be found here: <https://OnStage.xebic.com>.

The 20-week internship period is structured as follows: weeks 1-2, writing the Plan of Approach; weeks 2-18, carrying out the internship project; weeks 17-20, completing the portfolio, including a written and oral presentation of the internship project. Halfway through the internship period, a Midterm Review is planned with the student, internship supervisor and contact lecturer.

The internship period is assessed on the final competences and levels as described for the bioinformatics programme. Students must demonstrate that they meet these competences by submitting a portfolio with fixed and free components. During the internship period, return days are organised to help students with their portfolios.

The competencies that must be mastered by the student are:

1. Research (O; 3); the student translates a problem into a research strategy and carries out the research.
2. Experimentation (E; 3); the student sets up experiments under supervision, carries them out independently and systematically, and obtains reproducible and reliable results.
3. Management (M; 2); the student assesses their own work or that of others against procedures described in relevant management systems.
4. Advising (A; 2); the student contributes to solving a technical problem for the client. Independently provides advice in a non-complex situation.
5. Instructing (I; 1); The student passes on their own knowledge and skills to colleagues on request (by demonstrating and explaining).
6. Project-based working (P; 2); The student works on a project within a limited open project framework.
7. Self-management (Z; 2); The student reflects on their own performance and development.

The above competencies have different levels, which can be described using the following keywords as a measure of behaviour:

Level 1: executing, on instruction

Level 2: solving, analysing

Level 3: integrating, developing, transferring knowledge and skills (application of knowledge and skills in new situations)

Level 4: generating knowledge

For each competency, the level that must be achieved at that moment is indicated.

Included in programme(s)

Bio-Informatics

School(s)

Engineering, Life Sciences & ICT

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