

## Fontys University of Applied Sciences

HBO-V Technische stroom anesthesiemedewerker, Eindhoven,

Program director: J.A.Brouwer, Mli

Title: Anesthesia Program

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Country: The Netherlands

**INITIAL RECOGNITION:** 2011  
**RENEWAL:** May 2016  
**Recognition valid until:** May 2021

After applying for renewal the program was evaluated following the renewal process described in the International Federation of Nurse Anesthetists ANESTHESIA PROGRAM APPROVAL PROCESS (APAP): OPERATIONAL POLICIES AND PROCEDURES (pg7-8).

A current, more comprehensive curriculum was presented to actualize the information about the program. Student and faculty evaluations were carried out in April 2016 and evaluated. Following the review of all information, renewal of Recognition was granted based on the program's meeting eligibility requirements, ability to comply with the IFNA Education Standards, and attempts to continually improve.

### General Information

The study HBO V technische stroom Anesthesiemedewerker is a combined study. The study for Nurse Anesthetist is integrated in the study Bachelor Nursing. The course consists of teaching units with an accompanying study load, expressed in course credits. For the course, seven professional competences have been formulated (attainment targets for the start of competent professional practitioner).

The professional competences are spread over four years. They are different in terms of duration, SBUs, start moment and are to some extent offered in parallel. The table below lists the educational units linked to the awarding of course credits (ECs) from the level assessment.

Within a competence-based curriculum, study progress, supervision, assessment and evaluation are a continuous process within the frameworks of the adopted professional competences. As well as assessing the professional competences, the following are included in the course: progress tests, tests of cooperation skills, graduation project, evaluation of practical learning, whereby a differentiation is made between traineeships and the practical learning period. (Ec = European credit => 28 sbu (credit hours) = 1 ec).

## CURRICULUM OVERVIEW

### **Degree Awarded: Bachelor in Nursing, Specialization in Nurse Anesthesia** **Nursing education propaedeutic phase T-direction anesthesia**

#### **First Year: Period 1**

<b>Term and Course</b>	<b>Credits</b>
Overall knowledge exam T1 clinical reasoning & methodology and collaboration skills	7
Collaboration skills T1	2
Communication skills T1	2
Nursing skills T1	2
Technique anesthesia 1 physiology, anatomy & pathology, vital systems.	3

#### **First Year: Period 2**

Overall knowledge exam TW clinical reasoning & collaboration education	7
Collaboration skills TW	2
Nursing skills TW	2
Communication skills TW	2
Project TW	2
Knowledge progress exam 1	2
Calculation test	2

#### **First Year: Period 3**

Overall knowledge exam T2 clinical reasoning & education	7
Collaboration skills T2	2
Project T2	2
Communication skills T2	2
Nursing skills T2	2

#### **First Year: Period 4**

Collaboration skills & project PZ	4
Mindfulness	1
Communication skills PZ	1
Professional orientation at the OR	7
Knowledge progress exam 2 clinical reasoning	1
Technique anesthesia 2 vital signs & anaesthesia	3

### **Nursing main phase technique anesthesia**

#### **Second Year: Period 5 & 6**

Internship level 1	24
Action learning set level 1	2
Knowledge progress exam 3	2
Skills exam 5/6	5

#### **Second Year: Period 7**

Overall knowledge exam 3 clinical reasoning & education	7
Collaboration skills 3	2
Communicative skills 3	2
Nursing skills T3	2

#### **Second Year: Period 8**

Overall knowledge exam 4 clinical reasoning & education	7
Collaboration skills 4	2
Communicative skills	2

Nursing skills T4	2
Project product and process T3/T4	4
Knowledge progress exam 4	2
Technique anesthesia 3 vital signs & anaesthesiologic technology	2
Technique anesthesia 4 vital signs & anaesthesiologic skills 1	2
<b><u>Third Year: Period 9 &amp; 10</u></b>	
Dual learning operating room period 1 - year 3	
Semester 1	2
Knowledge progress exam 5	2
Professional product 5 project product & process	5
Technique anesthesia 5 anaesthesia care 1	7
<b><u>Third Year: Period 11 &amp; 12</u></b>	
Dual learning operating room period 2 - year 3	
Semester 2	5
Action learning set level 2	2
Internship level 2	24
Implementation module 6 project product & process	5
Technique anesthesia 6 anaesthesia skills 1	8
Knowledge progress exam 6	2
<b><u>Fourth Year: Period 13 &amp; 14</u></b>	
Dual learning operating room period 3 - year 4	
Semester 1	2
Knowledge progress exam 7	2
<b><u>Fourth Year: Period 15 &amp; 16</u></b>	
Dual learning operating room period 4 - year 4	
Semester 2	5
Internship level 3	24
Action learning set level 3	2
Practical research to graduate T7 / T8	30
Knowledge progress exam 8	2
Technique anesthesia 7 anaesthesia care	2
Technique anesthesia 8 anaesthesia skills 2	3
<b>Total</b>	<b>270</b>