

## Saxion University of Applied science, Bachelor of Nurse Anesthesia

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### IFNA Recognition (level 2) effective May 2022 – May 2027

Anesthesia education programs holding Level 2: IFNA Recognition have met eligibility and application requirements for IFNA Recognition. Recognized programs have also undergone a successful curriculum audit to demonstrate substantial compliance with the “Content of Program Curriculum” in the Educational Standards. Information about a curriculum is current at date of application.

### CURRICULUM OVERVIEW

**Degree Awarded: Bachelor of Nursing + Specialization Nurse Anesthetist**

Bachelor Nursing (210 ECTS) + Specialization Nurse anesthetists (60 ECTS)

Note: The formula for converting credit hours to contact hours in this sample curriculum is 1 ECTS (European Credit Transfer and Accumulation System) = 28 study hours per week.

<b>Year 1 Course</b>	<b>Subject</b>	<b>ECTS</b>
Bachelor Nursing		
Nursing Care	Clinical reasoning, nursing skills, physiology, anatomy, pathology	10
Health & prevention	Health advocacy	10
Technology	Physics, material technology	10
Communication & behaviour	Communication skills, psychology, behavioral studies	10
Research & innovation	Methodology, care innovation	10
Professionalism	Collaboration skills, lifelong learning skills, ethics	5
Society & organization	Quality, safety, developments in healthcare and entrepreneurship	5
Total ECTS		60
<b>Year 2 Course</b>	<b>Subject</b>	<b>ECTS</b>
Bachelor Nursing		
Nursing Care	Clinical reasoning, nursing skills, physiology, anatomy, pathology	10
Health & prevention	Health advocacy	10
Technology	Physics, material, technology	5
Communication & behaviour	Communication skills, psychology, behavioral studies	5
Research & innovation	Methodology, care innovation	10
Professionalism	Collaboration skills, lifelong learning skills, ethics	5
Society & organization	Quality, safety, developments in healthcare and entrepreneurship	5
Nurse traineeship (240 hours)		10
Total ECTS		60
<b>Specialization Nurse anesthetist</b>		
Theory	Medical terminology, Set-up and design of the operating room (Equipment & Technology), Disciplines and communication in the operating room, Anatomy and physiology, Hygiene and safety Sterility, The routing of the surgical patient	5
Basic principles of anesthesia (low complex)	Basic principles of anesthesia 1, Chemistry & Physics Applied to Anesthesia, Pharmacology related to Anesthesia, Skills related to Anesthesia	5
Total ECTS		10

<b>Year 3 Course</b>	<b>Subject</b>	<b>ECTS</b>
Bachelor Nursing		
Innovation in practice		10
Professional development		10
Knowledge Portfolio 1	Nursing Care	6
Life – long- learning		5
Development assessment 1		4
Nurse anesthetists traineeship:		
Performance assessment 1	Low complex procedures	10
Performance assessment 2	Low-medium complex procedures	10
Total ECTS		55

### **Specialization Nurse anesthetist**

Advanced principles of anesthesia 1 (low-medium complex)	Anatomy and physiology, Pharmacology, Skills related to Anesthesia, Case discussion Simulation lessons, Ethics Communication and CRM Quality and safety	5
Advanced principles of anesthesia 2 (medium-high complex)	Anatomy and physiology Pharmacology, Skills related to Anesthesia, Case discussion Simulation lessons, Ethics Communication and CRM, EBP	5
Total ECTS		10
Year 4 Course	Subject	ECTS
Bachelor Nursing		
Graduation project	Research, EBP	25
Knowledge Portfolio 2	Nursing Care	6
Development assessment 2		4
Total		35

### **Specialization Nurse anesthetist**

Advanced principles of anesthesia 3 (high complex and specific care situations)	Traumatology, critically ill patient, vascular surgery, thoracic surgery, cardiac surgery, neurosurgery, pediatric surgery, ALS, case discussions, simulation lessons, ethics, communication and CRM,	30
Nurse anesthetists traineeship:		
Performance assessment 3	Medium complex	5
Performance assessment 4	High complex	5
Total ECTS		10

