

Master Degree in Nursing applied to Anaesthetics, Recovery and Pain Management (MIA-ARiD)

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INITIAL Registration effective: May 2021 - 2026

After applying for level 1 Registration the program was evaluated following the initial registration process described in the International Federation of Nurse Anesthetists ANESTHESIA PROGRAM APPROVAL PROCESS (APAP): OPERATIONAL POLICIES AND PROCEDURES 2017
(<http://ifna.site/app/uploads/2017/06/Operational-Policies-APAP-June-2017.pdf>).

A current curriculum was presented. Initial Registration was granted based on the program's meeting eligibility requirements.

Curriculum Overview

Degree/ Diploma / Certificate awarded: Master's Degree in Nursing Applied to Anaesthetics, Recovery and Pain Management

COURSE	OBJECTIVES	ECTS	HOURS	HOURS PRACTICAL
INTRODUCTION TO ANESTHESIA NURSING	To acquire knowledge of the nursing profession of anesthesia To acquire knowledge and principles of quality and safety in anesthesia To understand the risks inherent in anesthesia and its field of work	3	75	4
PREOPERATIVE PATIENT ASSESSMENT	To acquire the knowledge to make a pre-anaesthetic nursing visit To learn and interpret the necessary tests before an anaesthetic act To learn the prophylaxis protocols prior to surgical interventions Know and know how to apply the protocols of saving blood	5	125	12

<p>BASICS PRINCIPLES OF ANESTHESIA</p>	<p>To acquire knowledge of the physiological foundations of different types of anesthesia To acquire knowledge of the pharmacological fundamentals of different types of anesthesia Explain and apply the nursing care required by patients undergoing the different types of anesthesia.</p>	<p>7</p>	<p>175</p>	<p>8</p>
<p>EBP & RESEARCH METHODS</p>	<p>Identify the characteristics of qualitative and quantitative research and its application to nursing. Identify the design stages of qualitative and quantitative studies. Provide the knowledge and competencies necessary to develop a quantitative and qualitative research design. Know and use the sources of information and databases in health sciences. Provide the knowledge and competencies necessary to carry out a literature review.</p>	<p>4</p>	<p>100</p>	<p>0</p>
<p>VENTILATORY APPROACH</p>	<p>To acquire knowledge about airway assessment algorithms Be able to make an assessment of the airway Detect a difficult airway and have the knowledge about possible tackle devices To acquire knowledge of respiratory physiology To understand the mechanisms and foundations of mechanical ventilation Explain and apply the nursing care required by patients undergoing mechanical ventilation</p>	<p>6</p>	<p>150</p>	<p>12</p>

ADVANCED LIFE SUPPORT	<p>Determine the most frequent causes of CPR</p> <p>Evaluate a CPR situation</p> <p>Autonomously perform basic life support maneuvers</p> <p>To use an automatic defibrillator</p> <p>Know the Advanced Life Support Guides</p>	3	75	12
PEDIATRIC LIFE SUPPORT	<p>Evaluate and perform the CPR handling of children</p> <p>Perform the basic support in nursing for children</p> <p>Make a correct management of the airway and ventilation in the paediatric patient</p> <p>To learn the functions of the paediatric life support team</p>	2	50	8
CLINICAL EXPERIENCE	<p>Know the situations of care in its complexity in any field of anesthesia, from the nursing point of view</p> <p>To understand the basic management of critical health situations related to anesthesia.</p> <p>Promote the safety to the patient/professional in the field of the anesthesia.</p> <p>Know the specific monitoring for an anesthesia</p>	10	250	210
ANESTHETIC CONSIDERATIONS FOR SURGICAL SPECIALTIES	<p>Know the anesthetic characteristics of the various surgical specialties</p> <p>Know the most common anesthetic complications of the various surgical specialties</p> <p>Describe nursing care during anesthesia in the various surgical specialties</p> <p>Know the protocols of organ donation and anesthetic approach during transplant surgery</p>	9	225	4

<p>INTENSIVE CARE UNITS, ANESTHESIA OUTSIDE THE SURGICAL AREA AND PAIN TREATMENT</p>	<p>Know the monitoring parameters of resuscitation units Identify emergency situations and know how to approach their treatment in resuscitation units Know the different types of resuscitation units and their characteristics Describe nursing care in resuscitation units Know the most frequent anesthetic techniques used outside the surgical area Describe nursing care in anesthesia outside the surgical area Know the physiopathology of pain Describe the pharmacological treatments of pain Know the interventionist treatments at the pain units Describe the nursing care at the chronic pain unit Describe the nursing care at the acute pain unit Know the non-pharmacological treatments that are used for the treatment of the pain</p>	<p>5</p>	<p>125</p>	<p>6</p>
<p>MASTER THESIS</p>	<p>Generate innovative ideas in the field of anesthesia, resuscitation or pain management Manage information and critically evaluate the most relevant literature for the study Identify the methodological resources relevant to the study Apply the ethical principles of research in the development of the thesis Elaborate and defend the thesis, using the scientific criteria of rigor and quality</p>	<p>6</p>	<p>150</p>	<p>0</p>
		<p>60</p>	<p>1500</p>	<p>276</p>

Note: The formula for converting credit hours to contact hours in this sample curriculum is 1 credit = 1 contact hour per week for 15 weeks per semester (78 x 15 = 1,170 contact hours).

This academic unit of measurement will vary among countries. Please use the recognized credit or contact hours for the applicant program.