



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Intensive Care in Theory and Practice I

Course Code:	KMA512
Course Title:	Intensive Care in Theory and Practice I <i>Intensivvård i teori och praktik I</i>
Credits:	9
Degree Level:	Master's level
Progressive Specialisation:	Second cycle, has second-cycle course/s as entry requirements (A1F)

Major Field of Study:

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2020-09-04, and is valid from the Spring semester 2021 at Karlstad University.

Prerequisites

Admission to the study programme for Specialist Nursing - Intensive Care and registered for the courses Pathophysiology and Pharmacology (12 ECTS credits) and The Professional Function of Specialist Nursing in Intensive Care (15 ECTS credits), plus upper secondary level Swedish 3 or B, or Swedish as a Second Language 3 or B, and English 6 or B, or equivalent

Learning Outcomes

Upon completion of the course, the students should be able to:

- observe and assess the function of all organ systems and mental condition in intensive care patients,
- independently plan, conduct, and evaluate care interventions in consultation with the patient, next-of-kin, and other professional groups, and report in the medical record,
- perform examinations and medical treatment in a safe way,
- handle the medico-technical equipment and digital aids taking into account areas of responsibility and safety aspects,

- teach and assess preventive care interventions based on a health-promotion approach,
- reflect on ethical considerations in clinical nursing work,
- demonstrate the ability to approach the patient, next-of-kin, and staff professionally, and
- demonstrate the ability to adopt a professional approach to themselves in terms of self-knowledge and empathy.

All learning outcomes are assessed during the clinical placement period (VFU).

Content

The course integrates Nursing (4 ECTS cr) and Medical Science (5 ECTS cr).

Instruction is in the form of lectures, practical placement, and a seminar. Students study individually and attend on-campus meetings. The course is partly net-based and various information and communication techniques are used. All instruction is based on field research and evidence-based knowledge. Students' independence is emphasised during the clinical placement, and attendance is mandatory for the clinical placement component. The course is offered as full-time study.

During the clinical placement, students develop their professional skills and their ability to understand the meaning of showing respect for patients' dignity, integrity, and autonomy. Specifically, students develop skills in nursing patients with vital organ failure/s and in psychological states in terms of the procedures of the nursing process so that the patient can experience well being, comfort, and safety. In addition, students learn to assess the need of and carry out medical treatments, and handle medico-technical equipment and digital aids. Keeping a medical record in line with nursing procedures is practised.

Through reflections together with their supervisor, students integrate the theoretical and practical knowledge required to attain professional independence. Students also apply their pedagogical knowledge in meetings with patients, next-of-kin, and other professional groups, and reflect on ethical issues in terms of concepts such as human rights and equality. This includes paying attention to the specific need of information that children who are next-of-kin may have, and to be observant of signs of domestic abuse.

Reading List

See separate document.

Examination

Assessment is based on performance at the clinical placement and an individual take-home exam discussed in a seminar.

The examiner may decide that a student who is very close to a passing grade can complete a supplementary assignment to receive a passing grade for a specific examination. Additional examination material must be submitted within six days of notification. The supplementary assignment only is then assessed in accordance with the assessment criteria, and if it is insufficient, a grade of fail (U) will be given.

Students who fail the clinical placement have the opportunity to be reassessed on two more occasions as soon as this can be arranged.

If students have a decision from Karlstad University entitling them to special pedagogical support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades Fail (U), Pass (G), or Distinction (VG) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.

Required course in the study programme for Specialist Nursing - Intensive Care.

A student who, in the examiner's judgement, will fail to obtain a Pass grade for the clinical placement component on the grounds of grave and unprofessional conduct may be required to immediately discontinue the clinical training.

As stipulated in the Higher Education Act Ch. 4, sect. 6, SFS 1992: 1434, and Regulations of Student Expulsion from Higher Education SFS 2007: 989, a student who suffers from mental disorder, abuses alcohol or drugs, or has been guilty of a serious offence endangering others or valuable property can be expelled until further notice. In such a case, the Rector files a complaint to the Expulsion Board of higher education, which investigates the matter and makes a decision. A decision of expulsion shall always entail that the student must discontinue the education until further notice. The Expulsion Board of Higher Education is responsible for all Swedish higher education institutions.