



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 2023-05-10, and is valid from the Spring semester 2024 at Karlstad University.

Prerequisites

Admission to the Specialist Nursing programme with a specialisation in intensive care plus upper secondary level Swedish 3 or Swedish as a second language 3 and English 6 or A, 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,
- plan, conduct and evaluate care in consultation with the patient, next-of-kin, and other professional groups, and report in the medical record,
- perform examinations and medical treatment safely,
- handle medico-technical equipment and digital aids responsibly and in accordance with current safety guidelines,
- provide instruction and evaluate preventive care interventions based on a health-promoting

approach,

- reflect upon ethical considerations in clinical care,
- demonstrate the ability to adopt a professional approach vis-a-vis patients, next-of-kin, and members of staff, and
- demonstrate 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, a clinical placement and seminars. 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 science and evidence-based knowledge. Students' independence is emphasised during the clinical placement. Attendance at the clinical placement is mandatory. The course is offered as full-time study.

During the clinical placement, students develop their professional skills and 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 for treatment and develop the ability to perform treatments as well as handle medico-technical equipment and digital aids. Keeping a medical record in line with nursing procedures is applied.

Through reflections together with their supervisor, students integrate the theoretical and practical knowledge required to develop professional independence. Students also apply their pedagogical knowledge and a person-centred approach in meetings with patients, next-of-kin, and other professional groups and reflect on ethical considerations based on concepts such as human rights and equality. This includes paying attention to the specific need for 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 during the clinical placement, an individual take-home exam, and a follow-up 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 Targeted Study

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 Distinction (VG), Pass (G), or Fail (U) 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 for the Specialist Nursing programme: 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.