JÖNKÖPING UNIVERSITY
Jönköping University Enterprise

PROGRAMME SYLLABUS

Pathway Semester General, 30 credits

Pathway Semester General, 30 högskolepoäng

Programme Code:	PGPSG	Programmestart:	Spring 2027
Confirmed:	Jun 16, 2025	Education Cycle:	First-cycle level
Revised:	Nov 04, 2026		

Title of Qualification

This programme does not lead to a degree.

Programme Overview

Pathway Semester General is designed as a general Pathway Programme for potential international degree seeking students who need to improve skills and proficiency for a following first or second cycle university programme, both within their chosen field and in order to achieve an overall and broad command of specific subjects required for eligibility as well as the English language in everyday and academic use. The students may also familiarize themselves with Scandinavian society, culture and language. In addition, the Pathway Programme provides familiarity with higher education and assists in developing communication in an academic environment. The programme enables the student to gain skills and competencies for either first or second cycle university level education in an intercultural and international environment. It also bridges between secondary education and the qualitative targets of tertiary education. The horizontal aim is to develop and strengthen student skills for participating in higher education, life-long learning and global citizenship through group work, social engagement, peer learning, reflective learning and autonomous learning whilst developing agency, ability to reconcile tensions and dilemmas, intercultural communication skills, metacognitive skills, information literacy and critical thinking. The programme enables the student to participate in academic studies conducted in English in most fields, by improving the student's proficiency in reading, writing, listening and speaking as well as developing their academic English and helping student navigate Scandinavian teaching methods and university life. It corresponds to one semester of full-time studies, comprising a total of 30 credits. The programme contains mandatory courses for completing the programme, elective courses that may be preselected for the student due to eligibility requirements or prerequisites for admission to a student's follow-up programme, and elective courses available to all students that help develop necessary academic skills.

Objectives

The foremost objective is increased eligibility to higher education, and familiarity with the English language. The overall programme objectives can be summarised as an aim to create academic readiness in knowledge, skills and behaviour. The programme objectives focus on developing language proficiency, key cognitive strategies, academic knowledge and skills as well as contextual skills and awareness. Each of the courses in the programme share the horizontal aim but have separate Intended Learning Outcomes and content. The programme objectives are qualitative goals that permeate the courses and teaching methods in order to develop the students' ability to:

Knowledge and understanding

- demonstrate familiarity and proficiency in language use
- demonstrate knowledge and understanding in each of the specific subject courses
- understand which academic behaviours lead to success and demonstrate self- awareness about these behaviours

Competence and skills

- search for, gather, evaluate, discuss and critically interpret information
- engage texts critically and create well written, organized, and supported work products
- identify, formulate and solve problems autonomously
- complete tasks within predetermined time frames
- adapt to the context and recipient
- work in teams and communicate clearly

Judgement and approach

- take subject specific, social and ethical issues into consideration
- identify the need for further knowledge and ongoing learning
- critically evaluate their own learning based on self and peer reflection, as well as teacher feedback

Contents

Each course in the Pathway Programme includes elements of the horizontal aims, including functional perspectives on ethical awareness, equal opportunities and equality that are thematically connected to the course content.

Courses

Academic English

The purpose of the course is to provide students with a command of English that is functional for communication across many different fields, language spheres and Englishes. The communicative language competencies that are promoted in the course focus on intercultural communication as well as the student's own creativity, choice, and ownership of their language. Overall language proficiency, digital literacy, information literacy as well as foundational literacy skills are inextricably linked together in the course content. The course also emphasises two aspects of linguistic communicative language competencies: range and control.

Pathway Chemistry

The course includes some basic chemical concepts about the structure and the functions of the matter, the transformations of the substances within chemical reactions and also the importance of chemistry for people and societies.

Pathway Intensive English

The course prepares students by building English proficiency for university studies in Sweden. The purpose of the course is to provide English language preparation in reading, writing, listening, and speaking corresponding to the Swedish upper secondary school course English 6, but also to provide students with an introduction to academic culture and communicative ability in English. The course consists of English language development with a focus on the academic language range, but students can also expect to learn and develop university academic skills like information literacy and research skills alongside language activities. The course content includes and corresponds to, but is not limited to, the Swedish upper secondary school course Engelska 6.

Pathway Mathematics

The course is designed to prepare students for studies at their following programmes by learning how to use basic algebra, geometric sums, studies of polynomial, power and exponential functions, derivatives and differentiation rules for the functions mentioned above as well as applications using the derivative to solve optimization problems and integrals. The course content includes and corresponds to, but is not limited to, the Swedish upper secondary school course Matematik 3c.

Pathway Physics 1

The course introduces the basic physics and the science of working with experiments, analysis and interpretation of measurements using models. In addition, the course will provide familiarity with the use of

mathematical concepts in physics and algebraic handling of formulas and expressions. The course content includes and corresponds to, but is not limited to, the Swedish upper secondary school course Fysik 1.

Pathway Physics 2

The course covers topics in the field of physics, including two-dimensional motion in gravitational and electric fields, torque, waves, electromagnetism and signals, orientation to current models and theories that explain the development and structure of the universe, models and theories as simplifications of reality, the nature of physics and mathematical methods of physics.

Pathway Study Skills

This course is designed for students/professionals wishing to gain the tools for study skills on an academic level with focus on communication and intercultural competence. By understanding transformative competences students/professionals gain skills in different learning communities and digital literacy.

Pathway Swedish 1

The purpose of the Pathway Swedish 1 course is to provide students with a first, basic, introduction to the Swedish language that enables the student to interact with and understand their surroundings. This means that the student can understand and use familiar everyday expressions and very basic phrases to meet the needs in specific situations. For example, the student can introduce themselves and others, ask and answer questions about personal details and interact in a simple way with support from the person they are communicating with. It is also possible for the student to understand simple instructions and announcements. The Swedish language will be taught aiming to give students basic Swedish language skills. This will better equip students to interact with and understand their new surroundings. The course is equivalent to the A1 level of the Common European Framework of Reference for Languages (CEFR).

Courses

Course changes can occur, as long as they do not substantially affect the programme's content and learning goals.

Elective Courses

Semester	Course Name	Credits	Main field of study	Specialised in	Course Code
1	Academic English	7.5		G1N	P1AEME
1	Pathway Chemistry	7.5		GXX	P1PCRC
1	Pathway Physics 1	7.5		GXX	P1PP1F
1	Pathway Physics 2	7.5		GXX	P1PP2D
1	Pathway Study Skills	7.5	Civics	G1N	P1PSSE
1	Pathway Intensive English	7.5	English	G1N	PIEG13
1	Pathway Mathematics	7.5		GXX	PMAX13
1	Pathway Swedish 1	7.5		G1N	PS1G11

Teaching and Examination

The teaching is conducted in English. To complete the programme, the student needs to fulfil the criteria for all courses. Participation in examinations is mandatory. Different methods of examination can be used within a single course. The student will be offered examination opportunities within the time frame of the programme. Mandatory workshops, study visits and assignments can figure within the frame of the programme. Four modes of instruction are used for most, but not all, of the teaching on the programme: lectures, workshops, tutorials and individual sessions. Other types of instruction include seminars, group discussions and study visits. The grading scale used for the courses is defined in the course syllabus.

Entry Requirements

High School Diploma or Pathway Semester English. English language skills corresponding to IELTS 6.0 (no part below 5.5) or equivalent, or Pathway English 2, or Pathway Intensive English. Mathematics corresponding to Swedish upper secondary school course Matematik 2.

Credit Transfer

Students who have previously completed the Pathway English Intensive course (7.5 ECTS credits) at Jönköping University Enterprise may transfer the course into the Pathway Semester General Programme.

Qualification Requirements

Depending on which of the elective courses the student has chosen and completed, eligibility to follow-up programmes with conditional offers to undergraduate and graduate programmes at Jönköping University may be affected even if the student has completed the recommended courses. To obtain a Pathway Certificate the student shall complete the course requirements of 30 credits, which is necessary for admission to a follow-up programme with a conditional offer.

Other Information

Elective courses have a limited number of places. This means students may not always get the elective courses they prefer. When we place students in electives, we make sure the courses fit the programme plan and the timetable. Students who need a specific elective to apply for a follow-up programme at JU will be placed first. Other students will be placed according to their study plan and if there are still places available.

Course Certificates will be provided by Jönköping University Enterprise. A course that is included in the Pathway Programme, mandatory or elective, could be substituted by another course that is equivalent in credits, content and learning outcomes.