

## COURSE SYLLABUS

### Pathway for Business, 37.5 credits

*Pathway for Business, 37,5 högskolepoäng*

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<b>Course Code:</b>	PBUX07	<b>Education Cycle:</b>	Basic level
<b>Confirmed by:</b>	Dean Nov 22, 2016	<b>Disciplinary domain:</b>	Social sciences (80%) and natural sciences (20%)
<b>Valid From:</b>	Jan 2, 2017	<b>Subject group:</b>	
<b>Version:</b>	1	<b>Specialised in:</b>	GXX

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### Intended Learning Outcomes (ILO)

On completion of the course the student will be able to:

Knowledge and understanding

1. Understand the main content and essential details of English spoken at a relatively rapid pace, and in written English of various genres, and in more formal contexts.
2. Show basic knowledge of academic writing.
3. Plan and deliver a formal presentation in English.
4. Use a range of academic study techniques and language strategies.
5. Communicate in Swedish on a basic level.
6. Participate in basic oral and written conversations in Swedish about familiar subjects.
7. Understand Swedish culture and society.
8. Display knowledge of polynomial functions, power functions and exponential functions, including their basic properties.
9. Display knowledge of the concept of geometric sum and linear optimization.

Skills and abilities

10. In oral and written production and interaction in English students will demonstrate the ability to present and discuss information accurately and clearly with some adaptation to purpose, recipient and situation.
11. Carry out effective research using a range of sources and to critically assess and evaluate these.
12. Participate actively in classroom activities and be able to perform a range of task both individually and in a group setting.
13. Participate in simple oral and written conversations in Swedish about familiar subjects.
14. Show an awareness of basic grammatical concepts in Swedish.
15. Be familiar with different aspects of Swedish society and culture.
16. Demonstrate ability to transform and simplify algebraic expressions.
17. Demonstrate skills of solving equations of various sorts.
18. Demonstrate skills of calculating derivatives and basic integrals involving the above

mentioned elementary functions.

19. Demonstrate ability to use derivatives in order to analyze the properties of a given function and to methodically solve optimization problems.

Judgement and approach

20. Self- and peer-reflection on the development of study and personal skills.

21. Critical evaluation of relevant information related to the different parts of the course.

## Contents

The Pathway for Business course is a preparatory course for students who do not meet the level of required English and Mathematics 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 and Mathematical skills corresponding to the and Mathematics Ma 3b. The purpose is also to prepare students for Higher Education in Sweden by giving support in adjusting to the demands, challenges and expectations of Swedish Higher Education. The course will also provide knowledge of Swedish culture, language and society in preparation for studies and life in Sweden.

The course consists of four sub-courses; Preparatory English 2, Swedish 1, Life and Studies in Sweden 1 and Pathway Mathematics 1. Knowledge will be gained through lectures, group discussions, assignments as well as study visits and mentoring sessions. Weekly tasks will be set and marked to track progress.

Preparatory English 2, 20,0 credits

The course consist of lectures, seminars and group activities in various fields of academic English and have been designed specifically to meet the needs of non-native English speakers who wish to develop their English language competencies and be able to communicate effectively in an academic environment. In addition to the development of the four main areas of language (reading, writing, speaking and listening), there is also a strong focus on academic skills including research ethics, critical thinking, academic writing and presentations. English will be taught in an international context with a strong focus on active participation and group discussion. Students will be given opportunities to share their own experiences and in turn gain a deeper knowledge of living conditions, social issues and cultural features in different parts of the world. Course content and objectives include: - Applied grammar (individualised) - Vocabulary building - academic language. Both general and subject specific. - Academic reading - Listening comprehension and note-taking - Academic writing - summary writing, essays - Language strategies - Oral proficiency - presentation skills, group discussion skills, pronunciation - Introduction to rhetoric - the art of persuasive speaking and writing - Novel Study & literary analysis.

Swedish 1, 7,5 credits

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 weekly language sessions contains grammar lectures, text reading, listening and reading

comprehension, vocabulary and pronunciation. Written and oral exercises are given as part of the course. The mentoring session's aims to help monitoring and supporting your progress. Course content and objectives include: - Spoken communication such as exercises on oral conversations and presentations - Swedish pronunciation and prosody - Reading and listening comprehension - Simple texts and conversations focusing on everyday phrases - Basic Swedish grammar and vocabulary.

#### Life and Studies 1, 2,5 credits

The Life & studies part of the course aims to enable familiarity with Sweden. You will study and explore different aspects of Sweden such as politics, history, religion, governmental structure and traditions. Course content and objectives include: - Lectures (in English) on Swedish society and culture - Study visits

#### Pathway Mathematics 1, 7,5 credits

The course includes the following elements:

- Basic algebra
- Geometric sums
- Studies of polynomial, power and exponential functions
- Derivatives, differentiation rules for the functions mentioned above
- Applications using the derivative to solve optimization problems
- Integrals

#### Type of instruction

Lectures, seminars, tutorials, group discussions, study visits as well as mentoring sessions. Active participation required in seminars, group discussions and mentoring sessions is compulsory in order to meet the requirements of the course.

The teaching is conducted in English.

#### Prerequisites

High School Diploma and English language skills corresponding to:

IELTS 5.5 (no part below 5.0) or equivalent

Internet based TOEFL test 72 written test 17 or equivalent

Paper based TOEFL 530, written test 4 or equivalent

Mathematics 2a, 2b, 2c or equivalent

#### Examination and grades

The course is graded Fail (U) or Pass (G).

Active participation throughout the course is required.

The final grade of the course is issued only when all course units have been passed.

Registration of examination for the sub-course 'Prepatory English 2':

Name of the Test	Value	Grading
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Written exam - Preparatory English 2 <sup>1</sup>	3 credits	U/G
Research project - Preparatory English 2 <sup>2</sup>	6 credits	U/G
Literature project - Preparatory English 2 <sup>3</sup>	5 credits	U/G
Academic essay and formal speech - Preparatory English 2 <sup>4</sup>	5 credits	U/G
Oral exam - Preparatory English 2 <sup>5</sup>	1 credits	U/G

<sup>1</sup> ILO1; ILO2; ILO4; ILO10

<sup>2</sup> ILO 1; ILO2; ILO3; ILO10; IL11; ILO12; ILO20

<sup>3</sup> ILO 1; ILO 2; ILO10; ILO12; ILO21

<sup>4</sup> ILO2; IL10; IL11

<sup>5</sup> ILO1; ILO10; ILO12

Registration of examination for the sub-course 'Swedish 1':

Name of the Test	Value	Grading
Oral exam 1 - Swedish 1 <sup>1</sup>	1 credits	U/G
Oral exam 2 - Swedish 1 <sup>2</sup>	1 credits	U/G
Written exam 1 - Swedish 1 <sup>3</sup>	2.5 credits	U/G
Written exam 2 - Swedish 1 <sup>4</sup>	3 credits	U/G

<sup>1</sup> ILO5; ILO6; ILO14

<sup>2</sup> ILO5; ILO6; ILO14

<sup>3</sup> ILO6; ILO13; ILO14

<sup>4</sup> ILO6; ILO13; ILO14

Registration of examination for the sub-course 'Life and Studies 1':

Name of the Test	Value	Grading
Written exam - Life and Studies <sup>1</sup>	2.5 credits	U/G

<sup>1</sup> ILO7; ILO15

Registration of examination for the sub-course 'Pathway Mathematics 1':

Name of the Test	Value	Grading
Written exam - Mathematics <sup>1</sup>	7.5 credits	U/G

<sup>1</sup> ILO8, ILO9, ILO16, ILO17, ILO18, ILO19

## Other information

Title of qualification

The course gives you a Pathway for Business Certificate demonstrating skills equivalent to the Swedish upper secondary school course English 6 (English language requirement for degree programmes at Jönköping University) and Mathematics 3b.

## Qualification Requirements

To obtain the Pathway for Business Certificate the student shall complete the course requirements of 37.5 credits. Active participation required in seminars, group discussions and

mentoring sessions is compulsory in order to meet the requirements of the course.

#### Continuation Requirements

Students who successfully complete the Pathway for Business may enter into a pre-selected and eligibility assessed degree program at Jönköping University without any further testing.

#### Course literature

McCarthy Michael & O'Dell Felicity, *Academic Vocabulary in Use*, Cambridge University Press

Ken Paterson & Roberta Wedge, *Oxford Grammar for EAP - English Grammar and Practice for Academic Purposes*, OUP Oxford

Cottrell Stella, *The Study Skills Handbook*, Palgrave MacMillian

Contemporary novels and short stories

Rehnqvist, Gunilla, *Svenska för utländska studenter*, Studentlitteratur

Ibrahim, Wazir. (2012). *Pearsons Baccalaureate, Standard Level Mathematics, Developed specifically for the IB Diploma*. Pearson Education

Articles, handouts and extra materials will be distributed by the class teacher.