Programme syllabus

Bachelor's Programme in Business Engineering
Kandidatprogram, affärssystem
180.0 credits

Valid for students admitted to the education from autumn 07 (HT - Autumn term; VT - Spring term).

This is a translation of the Swedish, legally binding, programme syllabus.

Programme objectives

Knowledge and understanding

Skills and abilities

Ability to make judgements and adopt a standpoint

Extent and content of the programme

Eligibility and selection

Implementation of the education

Courses

The programme is course-based. Lists of courses are included in appendix 1.

Grading system

Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.

Appendix 1 - Course list
Appendix 2 - Programme syllabus descriptions
Appendix 1: Course list

Bachelor's Programme in Business Engineering (TAFFK), Programme syllabus for studies starting in autumn 2007

General courses

Year 1

Mandatory courses (60.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID1013</td>
<td>Programming Methodology</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1015</td>
<td>IT for Personal Work</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1016</td>
<td>IT in Organizations</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1017</td>
<td>Object Oriented Analysis and Design</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1018</td>
<td>Models and Databases</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1020</td>
<td>Process Modelling and Design</td>
<td>9.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>IX1000</td>
<td>Industrial Economics, Basic Course</td>
<td>6.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>IX1306</td>
<td>Mathematics for Economic Applications</td>
<td>7.5</td>
<td>First cycle</td>
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</table>

Optional courses

<table>
<thead>
<tr>
<th>Course code</th>
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</thead>
<tbody>
<tr>
<td>III1310</td>
<td>Introduction to Computer Studies</td>
<td>1.5</td>
<td>First cycle</td>
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Year 2

Mandatory courses (60.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
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<th>Credits</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ID1015</td>
<td>Logic for Computer Science</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IK1001</td>
<td>Computer Systems and Data Communication</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1021</td>
<td>Project Management</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>Course code</td>
<td>Course name</td>
<td>Credits</td>
<td>Edu. level</td>
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</tr>
<tr>
<td>IV1022</td>
<td>System Integration with Enterprise Systems</td>
<td>9.0</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1371</td>
<td>Enterprise Systems, Selection and Usage</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IV1372</td>
<td>Enterprise Systems, Configuration and Modification</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>IX1503</td>
<td>Discrete Mathematics for Business Engineering</td>
<td>7.5</td>
<td>First cycle</td>
</tr>
<tr>
<td>ME1005</td>
<td>Industrial Management, Advanced Course</td>
<td>6.0</td>
<td>First cycle</td>
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</table>

**Year 3**

**Mandatory courses (15.0 credits)**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID1017</td>
<td>Decision and Risk Analysis</td>
<td>7.5</td>
<td>First cycle</td>
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<tr>
<td>IV1025</td>
<td>Enterprise Systems Project</td>
<td>7.5</td>
<td>First cycle</td>
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**Conditionally elective courses**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
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<tbody>
<tr>
<td>ID2007</td>
<td>Processes for IT Production</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2002</td>
<td>Internet Search and Monitoring Techniques</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2010</td>
<td>Mobile Business</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2013</td>
<td>Relational Database Design</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2014</td>
<td>Data Warehousing</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2015</td>
<td>Knowledge Management</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>IV2029</td>
<td>Global IT-management</td>
<td>7.5</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2013</td>
<td>Operations Management: Organization and Control</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2014</td>
<td>Operations Management: Strategy and Development</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2023</td>
<td>Industrial Marketing</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2024</td>
<td>Industrial Marketing, Advanced Course</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2029</td>
<td>Finance</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2032</td>
<td>Economics of Industrial and Technical Transformation</td>
<td>6.0</td>
<td>Second cycle</td>
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<tr>
<td>ME2033</td>
<td>Industrial Dynamics and Technical Change</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2041</td>
<td>Psychology for Engineers</td>
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<td>Second cycle</td>
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<td>ME2042</td>
<td>Business Negotiations</td>
<td>6.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>ME2053</td>
<td>Logistics &amp; Supply Chain Management</td>
<td>6.0</td>
<td>Second cycle</td>
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</tbody>
</table>
Appendix 2: Specialisations

Bachelor's Programme in Business Engineering (TAFFK), Programme syllabus for studies starting in autumn 2007

This programme has no specialisations.