Guidelines: "Transitions in Compulsory Programs for Bachelor's Degrees in Informatics"
August 2015

You have completed the assessment level of an Informatics specialization in full under the old regulations and are beginning advanced-level compulsory modules in HS16. You must switch to the new regulations; however, you will complete a modified compulsory program for your major and minor programs that is aligned with your old assessment level. Therefore, we strongly recommend switching to the new regulations when enrolling for HS16.

These provisions apply to all students who

- began their Bachelor's studies in HS15 and pass a minimum of 75% of the assessment level during their first year (i.e., earn at least 45 of the required 60 ECTS credits)
- began their Bachelor's studies before HS15 and pass a minimum of 75% of the assessment level only in FS16.

During HS16 and FS17, these students will complete a modified compulsory program that is aligned with the old assessment level as part of the new regulations. Please refer to the details below.

1.1 Common compulsory program (27 ECTS credits) for all major study programs

- In HS16: Software Engineering (old, 6 ECTS credits), IT Project Management (old, 3 ECTS credits), Introduction to Scientific Methods (3 ECTS credits)
- In FS17: Software Engineering Lab (6 ECTS credits), Database Systems (6 ECTS credits)
- From April 2017: Informatics practical training (3 ECTS credits)
- In HS16/FS17, the compulsory modules Software Construction (6 ECTS credits) and Software Engineering (new, 3 ECTS credits), listed in the 2016 regulations, are to be substituted by the modules Software Engineering (old) and IT Project Management (old).

1.1.1 Major study program in Information Systems
In HS16, the compulsory module Financial Accounting (a component of the old assessment level) is to be substituted by the module Microeconomics for Informatics Students (6 ECTS credits).

1.1.2 Major study program in Software Systems
The compulsory module Foundations of Computing II must be completed in HS16; this is being offered for the last time in the old format aligned with the old assessment level.

1 HS = fall semester
2 FS = spring semester
The compulsory module *Technical Informatics and Communication Systems* (whose content is a component of the old assessment level) must be substituted by modules from the Software Systems core elective area comprising 6 ECTS credits.

1.1.3 Major study program in People-Oriented Computing

No additional provisions.

1.1.4 Major study program in Computing and Economics

The compulsory module *Foundations of Computing II* must be completed in HS16; this is being offered for the last time in the old format aligned with the old assessment level.

1.1.5 Major study program in Informatics with Natural Sciences

See sub-section 1.2.

1.2 Special provisions for the previous Applied Informatics specialization

- The Applied Informatics specialization, as per the old regulations, will *not* be continued under the 2016 regulations. Students with this specialization who began their studies in HS15, or who began their studies earlier and no longer can or wish to complete their studies in line with the old regulations, must select one of the new major study programs from HS16.

- We recommend that students pursuing an applied area in natural sciences switch to the major study program *Informatics with Natural Sciences* and select a minor program in natural sciences that corresponds to their previous applied area and comprises 60 ECTS credits. Alternatively, students may switch to the major study programs *People-Oriented Computing* or *Software Systems*; doing so, they select a minor program that corresponds to the previous applied area and comprises 30 ECTS credits. It is also possible for them to select a new minor program that is approved for the selected major study program; however, it will *not* be possible for them to credit the ECTS credits earned in the previous applied area.

- Students with the applied areas of *Computational Linguistics* or *Media Informatics* select *People-Oriented Computing* or *Software Systems* as their major study program and the previous applied area as their minor study program comprising 30 ECTS credits. Alternatively, it is possible for them to select a new minor program that is approved for the selected major study program; however, it will *not* be possible for them to credit the ECTS credits earned in the previous applied area.

- The 15 ECTS credits earned from the *Bioinformatics, Geoinformatics, and Neuroinformatics* as well as *Computational Linguistics* applied areas during the old assessment level under the old regulations will *not* be credited to the minor study program under the new regulations.

- As the Faculty of Arts and Social Sciences does currently not offer an official minor program comprising 30 ECTS credits in Media and Communication Science, the provisions for the old *Media Informatics* applied area will apply to the minor program as an interim measure under the 2016 regulations.
− **It is recommended that students beginning their studies in HS15** select the compulsory modules *Business Administration I, Business Administration II, and Financial Accounting* within the applied area at the assessment level, and that they wait until the third semester before beginning their minor programs under the new 2016 regulations. The minor program can then be chosen from the entire range of minor programs on offer within the Faculty of Science and the Faculty of Arts and Social Sciences.

− **Table 1 contains a summary of the transition options.**

**Table 1. Options for transitioning from the old Applied Informatics degree program**

<table>
<thead>
<tr>
<th>Previous applied area</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioinformatics</td>
<td><strong>Recommended:</strong> Major study program: <em>Informatics with Natural Sciences</em> (120 ECTS credits)</td>
</tr>
<tr>
<td>Geoinformatics</td>
<td>Minor study program: Previous applied area(^1) as minor program comprising 60 ECTS credits according to the program regulations of the Faculty of Science OR another minor program comprising 60 ECTS credits according to the program regulations of the Faculty of Science(^2)</td>
</tr>
<tr>
<td>Neuroinformatics</td>
<td>Alternatively: Major study program: <em>People-Oriented Computing or Software Systems</em> (150 ECTS credits)</td>
</tr>
<tr>
<td></td>
<td>Minor study program: Previous applied area(^1) as minor program comprising 30 ECTS credits according to the program regulations of the Faculty of Science OR another minor program comprising 30 ECTS credits according to the program regulations of the Faculty of Science(^2)</td>
</tr>
<tr>
<td></td>
<td><strong>Computational Linguistics</strong> Major study program: <em>People-Oriented Computing or Software Systems</em> (150 ECTS credits)</td>
</tr>
<tr>
<td></td>
<td>Minor study program: <em>Computational Linguistics</em> (30 ECTS credits according to the provisions for the previous Media Informatics applied area) Alternatively: Select a new minor study program comprising 30 ECTS credits(^2)</td>
</tr>
<tr>
<td></td>
<td><strong>Media Informatics</strong> Major study program: <em>People-Oriented Computing or Software Systems</em> (150 ECTS credits)</td>
</tr>
<tr>
<td></td>
<td>Minor study program: Media Informatics (30 ECTS credits according to the provisions for the previous Media Informatics applied area) Alternatively: Select a new minor study program comprising 30 ECTS credits(^2)</td>
</tr>
</tbody>
</table>

\(^1\) Geoinformatics students select Geography as a new minor program

\(^2\) In this case, none of the coursework carried out as part of the previous applied area may be credited to the minor program