Recommendation for Dissertations including Scientific Manuscripts with Co-Authors

The Faculty of Science offers the possibility either to write a cumulative dissertation (based on published manuscripts) or to write a monograph. The precondition for a cumulative dissertation is at least two accepted manuscripts for publication. Please refer to the document “Recommendations for Cumulative Dissertations” for further information.

If there are less than two accepted manuscripts for publication included, a cumulative doctoral thesis is not possible. However, it is possible to integrate individual chapters with co-authors in monographs – including (not yet published) manuscripts.

Generally, the following aspects apply:

1. The supervisors (and the Ph.D. Committee) need to approve of the inclusion of scientific manuscripts with co-authors in the dissertation.

2. Everyone involved in the research process and writing of the thesis has to be explicitly mentioned, and his or her contributions need to be marked as such. This applies in particular if the research results have already been put down in writing in a context other than the dissertation.

3. Please include a complete declaration on the contribution of others, including the names of the contributors, their parts in the overall project, and the relevance of your own part to the collective work. This form needs to be signed by your supervisor and included in the application for admission. You can also use the tables you included at the beginning of a co-authored chapter for that, printed out on a separate sheet of paper, signed by your supervisor (see point 4).

4. Guidelines regarding the declaration of contributions:

   Please clearly state and mark the contributions of co-authors at the beginning of each chapter. You can do so either using a table or written explanation.

   If you use a table for your declaration, it should look as follows:

<table>
<thead>
<tr>
<th>Author</th>
<th>Author position</th>
<th>Scientific ideas %</th>
<th>Data generation %</th>
<th>Analysis &amp; interpretation %</th>
<th>Paper writing %</th>
</tr>
</thead>
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   Titel of paper:

   Status in publication process:

5. If you use published manuscripts, please cite the publication in your dissertation accordingly.

6. Potential content overlaps between chapters due to integrated manuscripts with co-authors must be indicated accordingly.