

Bachelor Assignment Chemical Engineering (201500466)

Assessment form

Overall grade

Student name

Student number

Research group

Date of presentation

Title thesis

Please read 'how to use this form' on page 3 and 4 of this document. After reading fill out the table on page 2 to assess the different aspects to be included in the grades. At the right side of the table, remarks (compliments and suggestions) can be added. Subsequently, fill in the two grades on page 1. After filling in the table and the two grades, page 1 has to be signed by the chairperson of the BSc committee and the other committee members. Make a copy for the student and the research chair and send the original to the office of Education Affairs mentioned below.

Assessment Committee

Name		Signature
Chair		
Tutor		
Supervisor		

Aspects of assessment	Comments and Feedback
<p><b>Research process &amp; content</b> <i>Assessment committee</i></p>	<p>Compliments</p> <p>Suggestions for improvement</p>
<p><b>Research skills</b> <i>Tutor &amp; supervisor</i></p>	<p>Compliments</p> <p>Suggestions for improvement</p>
<p><b>Report design and lay-out</b> <i>Assessment committee</i></p>	<p>Compliments</p> <p>Suggestions for improvement</p>
<p><b>Presentation and discussion</b> <i>Assessment committee</i></p>	<p>Compliments</p> <p>Suggestions for improvement</p>
<p><b>In case of a final grade of 6 or 9; motivation for the grade</b></p>	

## How to use this form

- fill in (in advance) the text boxes concerning name, number, title, research group and date,
- for each aspect of assessment, fill in the weakest and strongest points; the form is used as explanation of the overall grade and as feedback to the student,
- determine a grade for the bachelor assignment as a whole
- sign the form: fill in the names of the committee members with their signatures,
- make a copy of the form for the student and research group archive, and
- send the filled in form to BOZ-ST/CHE (BH 217/218, boz-st-ces@utwente.nl)

## Objectives

A detailed list of the learning objectives of the BSc.-program is defined in the ChE-Program and the Exam Regulation (the "OER"). Attention is required for: the formulation of the research problem, acquirement and selection of the information, phasing of the research, selection of methods and experiments, required level of detail, accuracy and reliability of the results.

Aspects of assessment	Final qualifications
<p><b>Research process and contents</b></p> <ul style="list-style-type: none"> <li>• Problem formulation embedded in context</li> <li>• Research plan (sound research methodology and experimental set-up)</li> <li>• Results (appropriate detail, accuracy, abstraction level)</li> <li>• Analysis of data and results</li> <li>• Conclusion-discussion-recommendations</li> <li>• Usefulness of results (e.g. degree of publishability)</li> <li>• Attention for context of results</li> </ul>	<p><i>In the bachelor, the focus is on doing research under supervision</i></p>
<p><b>Research skills</b></p> <ul style="list-style-type: none"> <li>• Skills: theoretical, experimental and organisational</li> <li>• Scientific approach and attitude: curiosity, motivated, systematic working, logical reasoning, critical and constructive, critical self-reflection</li> <li>• Cooperation: interaction with supervisor and colleagues, importance of contribution of other disciplines</li> <li>• Project work: time management, executing the plan</li> </ul>	
<p><b>Report design and lay-out</b></p> <ul style="list-style-type: none"> <li>• Appropriate abstract</li> <li>• Appropriate report structure</li> <li>• Appropriate report lay-out</li> <li>• Use and quality of scientific language &amp; writing skills</li> <li>• Use and quality of figures and tables</li> <li>• Use of citations and references</li> <li>• Appropriate length</li> </ul>	<p><i>The report should contain the results of the literature study and structured research plan.</i></p> <p><i>The report should have an appropriate length of about 25 pages (without appendices).</i></p>
<p><b>Presentation and discussion</b></p> <ul style="list-style-type: none"> <li>• Clarity of explaining problem, methods, results and conclusions</li> <li>• Style of presenting and use of audio-video support tools</li> <li>• Connection to audience</li> <li>• Discussion and response to questions</li> </ul>	<p><i>The presentation should be understandable for peer students.</i></p>
<p><b>Motivation of the grade (only in case the grade is a 6 or a 9)</b></p> <p>Since bachelor assignments graded with a grade of 6 or 9 are the ones usually looked at in most detail by the visitation committee, please give a motivation for this sufficient/high grade.</p>	