



Annex to the Application for Admission

Self-declaration sheet on practical skills in chemistry for the application for a Chemistry Master at UR



To get a better estimate of your laboratory experience and (undergraduate) training in organic, inorganic and analytical chemistry please tick the boxes accordingly. Be aware that your information will be checked back with your module catalogue and transcripts.

With **typing** my name here
form truthfully

First name, family name

, I hereby declare that I filled in this

Place, date

I. Organic Chemistry	
1. I have done myself (watching teaching demonstrations do not count!) synthesis in the organic chemistry teaching lab (like esterifications, aldol reactions, halogenations, eliminations, aromatic substitutions, nucleophilic substitutions, ...). Please mark the appropriate answer.	
	At least ten different transformations
	Five to ten transformations
	One to five transformations
	None transformations
2. I have done myself (watching teaching demonstrations do not count!) standard purification steps in organic chemistry labs, like... (multiple selection possible)	
	Liquid-liquid extractions
	Fractioned distillation under ambient pressure
	Fractioned distillation under reduced pressure
	Re-crystallizations
	Column chromatography
	None of those

II. Inorganic Chemistry	
1.	<p>I have done myself (watching teaching demonstrations do not count!) synthesis and separation techniques in the inorganic chemistry teaching lab (like quantitative, qualitative analysis, salt metathesis, ligand exchange reactions, transformations with Grignard or organolithium reagents). Please mark the appropriate answer.</p> <p>At least ten different transformations (no analysis)</p> <p>Five to ten transformations</p> <p>One to five transformations</p> <p>None transformations</p> <p>I have experience with synthesis and purification under inert conditions</p>
2.	<p>I have done myself (watching teaching demonstrations do not count!) standard purification steps in inorganic chemistry labs, like... (multiple selection possible)</p> <p>Liquid-liquid extractions</p> <p>Fractioned distillation under ambient pressure</p> <p>Fractioned distillation under reduced pressure</p> <p>Re-crystallizations</p> <p>Column chromatography</p> <p>None of those</p>

III. Analytical Chemistry	
1.	<p>I have done myself (watching teaching demonstrations do not count!) sample preparation for ... (multiple selection possible)</p> <p>NMR experiments</p> <p>UV/vis experiments</p> <p>IR experiments (liquid and/or solid)</p>
2.	<p>I have done myself (watching teaching demonstrations do not count!) analysis of the obtained spectra from... (multiple selection possible)</p> <p>Standard ^1H spectra Standard ^{13}C spectra 2D NMR spectra</p> <p>IR spectra UV/vis spectra</p> <p>I have not done any spectral analysis by myself.</p>