

AMFI – Amsterdam Fashion Institute - additional information new company

Keep in mind that, if you accept an internship position at an internship company that has not been registered yet at AMFI, the company must comply with the criteria as described in the internship manual and this form must be filled in and uploaded in OnStage by you (in the step 'additional information new company').

Once approved, you will be allocated your AMFI supervisor and can continue to the next steps of the internship preparation phase in OnStage.

Name student	Laura Weller
Student number	500844365
Specialisation (formerly: dimension)	Fashion & Design

Company info

Name company	De Waag Society
City and country	Amsterdam
Foundation date of at least one year ago	1 december 1994
Chamber of Commerce number	41214445

Company profile with a description of how their business links to the fashion industry	De Waag society is a forum and a stage for public research and public events in the field of cultural, social and scientific developments of old and new media, all in the broadest sense of the word. In their current policy plan De Waag has the status of 'Future Lab technology and design' in both the Dutch- and the Amsterdam cultural basic infrastructure. They are currently researching new technologies, such as the creation of hardware through lasercutting and 3d printing, but also software such as open source coding languages to create your own chips for soft robotics. Furthermore, they are researching newest design trends such as designing through biomaterials and natural dyes. This is where the link with the fashion industry comes in: biomaterials, natural dyes and the creation of garments through technologies such as 3d printing or soft robotics (think about the Makerslab at the HvA).
Briefly describe the content of the offered internship position, why the company would want to recruit an AMFI intern and how many (other) interns are active for the duration of your internship	<p>Content offered at the internship position: My internship will take 4 days a week. During my time at De Waag I will help out on their open day 1 day in the week and show people the open source content we are creating, as well as help them with the usage of different machines. The other 3 days I research biomaterials and their fabric properties. Furthermore, I digitalize the biomaterials with a CLO3D kit. This means that I will take the first steps into digitalizing biomaterials for digital fashion design. The biomaterials that I create and research, I will use in my final collection for my graduation.</p> <p>Why the company wants to recruit an AMFI intern (me): The company wants to recruit me since I have experience in research in biomaterials, experience in digital design and I have the knowledge to create a bridge between those two fields within the fashion industry. On top of that I have experience with laser cutting, 3d printing and soft robotics. Therefore, I have experience with how their machines work.</p> <p>How many other interns are active:</p>

	<p>There are 6 interns active at De Waag Society on location. They are also doing similar work to mine and I will probably see them every week.</p>
<p>Briefly describe how the company can offer you a professional work environment with at least three permanent employees with positions in the field of the internship and describe their position within the company and how you will work with them</p>	<p>De Waag Society is foundation (stichting). The part where I will be working is called the Fabrication Laboratory (FabLab). The FabLab will be working together with the Textile Laboratory (TextileLab). The employees in those 2 labs are: Henk Buursen: Head of the FabLab: https://waag.org/en/henk-buursen/ Henk will be my supervisor at De Waag during my internship period. He will be present all day, guiding me through the research on fabricated materials (lasercutted/3dprinted) Cecilia Rspanti: Head of the TextileLab: https://waag.org/en/cecilia-raspanti/ Cecilia will be present all day, guiding me through the research on biomaterials Sunke Puell: Facility Manager: https://waag.org/en/sunke-puell/ Sunke Puell is facility manager. I can imagine I will go to her if my materials need to be stored or if I need something that is building related. Beatriz Sandini: Designer and Concept Developer https://waag.org/en/beatriz-sandini/ Beatriz Sandini researches innovative biomaterials and digital fabrication techniques. I will be helping her in that research. She will be able to give me much knowledge about the materials she has already researched and might be able to give me a starting point for my own materials. Isabel Berentzen: Project Manager https://waag.org/en/isabel-berentzen/ Isabel Berentzen is looking into new projects. She is currently guiding a natural dye project. She is the person I should get in contact with if I need to dye certain materials. Furthermore I can imagine using her wastewater of natural dyes for my biomaterials.</p>
<p>Short bio of your company supervisor, and how this person is a fashion(related) professional who has bachelor's degree or at least five years of work experience in the fashion industry</p>	<p>Company supervisor: Henk Buursen Henk manages the FabLab in the historical building in the center of Amsterdam, de Waag. Here, he educates tens of participants per year in working with digital fabrication and making 'almost anything' in the worldwide distributed learning-programme Fab Academy. A Fab Lab is a workplace that offers access to a number of computer-controlled prototyping machines, where users can convert their ideas into tangible products. In this way technology is democratized in order to serve as a place for experimental innovation for a broad target group. The concept of Fab Lab was developed by Neil Gershenfeld from MIT, and is an abbreviation of Fabrication Laboratory. Since their founding, Fab Labs have developed into a global network of standardised open hardware setups. Concerning my internship: Digital fabrication is a new field in the fashion industry. By combining the knowledge of Henk and Cecilia and Beatriz I can imagine I could make 3D printed zippers or finishes for garments made out of biomaterials. I could also make biomaterials based on algae that give chemical reactions when heartbeats go over a certain level. These things can not only be done by someone who has experience in the fashion industry, but also by people who have experience in more interdisciplinary companies, such as De Waag.</p>