

Internship in Product Design

Supervisor	Prof. Dr. André Canal Marques
Project	Industrial Design http://www.unisinos.br/graduacao/design-de-produto/presencial/porto-alegre
Description	The Product Design program combines innovation and sustainability, where you will study all the processes of developing a product, from its concept and creation, to its detailing, prototyping and production. During the program, you will be instigated to create solutions that innovate in the forms, uses and applications of materials and that have, at the same time, a sustainable character.
Tasks	The laboratories involved are the model and prototype laboratory (Lamp-Laboratório de Modelos e Protótipos) and the library of innovative materials (IMateria-Biblioteca de Materiais Inovadores). These are part of FabLab of Unisinos Porto Alegre campus (http://www.unisinos.br/fablab/). The activities included are related to the world maker, developing projects and prototyping with new technologies of digital manufacturing (laser cutting, 3d printing, arduino, lilypad etc.), having many of the design projects for social innovation. In addition, use of materials selection software Ces Edupack for the selection and environmental impact of materials, and research of innovative materials together with the development of a database on the intangible characteristics of materials.
Requirements	Knowledge in certain fields of Design or Engineering are prerequisite, as for example: design presentation, visualization, CAD/CAM, photography. BA in Design is not required but would be an advantage.
Language Skills	English (Portuguese would be nice, but is not necessary).
Duration	4-6 months
Possible Beginning	Between February/July or July/December.
Credits	According to agreement
Payment	None