

DIG Interdisziplinäre Designpraxis VIAD/VGD: Lets BIO-REACT!

BIO-REACT! A twilight at the age of post-antropocene.

The course will be focused on the twilight relationship between human and plants trough the creation of a bioreactor made of self-sustainable material that can be found in each home.

Hydroponics, aquaponics and humanponics (aka using human urine as fertilizer for hydroponics) is the starting point. The course will guide the students in designing a small hydro-aqua or human-ponic device, remotely connected to the internet at each individual home and connected with our brain.

Angebot für

Bisheriges Studienmodell > Design > Bachelor Design > Design interdisziplinär > 4. Semester

Nummer und Typ	BDE-BDE-P-4036.21F.001 / Moduldurchführung
Modul	Interdisziplinäre Designpraxis
Veranstalter	Departement Design
Leitung	Dr. phil. Margarete Jahrman (VGD), Dr. phil. Antonio Scarponi (VIAD)
Zeit	Di 23. Februar 2021 bis Fr 19. März 2021 / 8:30 - 17 Uhr
Anzahl Teilnehmende	maximal 22
ECTS	6 Credits
Voraussetzungen	4. Semester Bachelor Design
Lehrform	Interdisziplinäre Workshops mit Inputreferaten, Theorieunterricht und individuelle Projektarbeit
Zielgruppen	Bachelor Praxismodul für Studierende im 4. Semester
Lernziele / Kompetenzen	The course will provide the students basic hydroponic and aquaponic knowledge and learn how to connect a living being neurological system (a plant) with our brain. Hydroponic is a farming technique in which food grow on water, using up to the 90% less water otherwise used in traditional agriculture. With this technique also known as soilless farming allows to grow food under any circumstances including loss of gravity in spaceships and nuclear land contaminations. The project aims to explore certain meditation mechanics to fertilize the grow of a new SPORE drive, Stamets (known from startrek discovery) will give us hints, how to achieve fungi perfecti - in a system that we aim to design together. In practical terms students will be asked to connect their brain to the hydroponic plants which can grow in your apartment. If we are successful, we can consider closing the course with linguine al pesto or a legendary pasta ai fungi recipe from the renew venetian's architect Carlo Scarpa.
Inhalte	Symbolically we see the twilight of a new era in which we can be in neurological synergy with the artificial environment that nourish us. The contemporary condition of work on independency goes far beyond the office and home, analogue and digital. Work and leisure times, as well as all these space and times categories are blurred and meshed one into another. The course will be therefore designed in week blocks that interweave these all these conditions.

- The first week will be focused on the concept development and planning of the bioreactor made out material of Your home.
- Antonio as expert on greenhouse architecture and hydroponics will support the design of our TWILIGHT ZONE ship
- Margarete will organize the design of LUDIC art and play with you. That will help each of You to fly the spore drive!

Final presentation as communicated in the project online.

Bibliographie / Literatur

Basic Bibliography: literature and bibliography in the form of pdf, links and sound audio will be provided through the development of the course. Before enrolling the course, students are recommended however to explore the following contents:

Margarete Jahrmann's weekly brainwave broadcasts, Fridays 7pm:
<https://www.youtube.com/channel/UCRuETt9HjkgXfn17ao8pCRg>

Antonio Scarponi / Conceptual Devices:
<https://www.conceptualdevices.com>

A. Scarponi, ELIOOO. How to grow food at home using Ikea furniture, 3rd0, Zurich 2014.

Leistungsnachweis / Testatanforderung

80% Anwesenheit und aktive Teilnahme am Unterricht. Erarbeitung und Präsentation der geforderten Teilaufgaben.

Termine

23. Februar - 19. März 2021 (jeweils Di-Fr)

Bewertungsform

Noten von A - F

Bemerkung

Weitere Informationen und Termine zum Modul folgen kurz vor Modulstart im Frühjahr 2021 per E-Mail.