

In association with EPFL's **Doctoral Programme in Architecture and Sciences of the City (EDAR)**, **HES-SO for HEAD – Genève** is currently advertising the position of

HES assistant (doctoral student)
Master Media Design
Activity rate: 80%

Institutional context: HEAD - Geneva & EPFL partnership

Since 2016, head Geneva (High School of Art and Design) has established a collaboration agreement with the city's doctoral program of architecture and sciences (EDAR EPFL), which is an integral part of the EPFL Doctoral School (EDOC). In a context where the complexity of the relationship between uses and forms calls into question the systems of representation inherited from the twentieth century and the division of tasks between analysis, creation, application, HEAD-Geneva and EDAR develop inventive forms of research, combining basic research and the critical and creative openness of artistic work. The aim is to encourage a "research through the means of art and design" orientation at EDAR, allowing to welcome PhD students from the artistic and design fields. For EDAR EPFL, it is a question of supplementing its orientations with a specialization using creation as a field or as a method of work in the context of a doctoral thesis meeting the academic requirements of EPFL. The doctoral student will participate in the deployment of this doctoral orientation, which promotes a stimulating and critical dialogue between art research, knowledge production, urban phenomena in the broadest sense and social sciences. The aim of the program is to support PhD students towards an original contribution through a cross-disciplinary approach.

Institutional context: Irad (Institute for Research in Art & Design)

In addition to EDAR, the doctoral student will join the research team of HEAD - Geneva, united within Irad (Institute for Research in Art and Design). Irad coordinates the research projects carried out by teams from HEAD - Geneva, with an emphasis on research-creation. This institute organizes research training courses with EPFL for master's and doctoral students. In addition, Irad organizes research seminars and study days bringing together doctoral students, students and teachers.

Assistant status e-PhD

The doctoral student will be employed at HEAD - Geneva as a HES assistant Master Media Design. He or she will devote 40% of his time to the assistantship duties detailed below, and 40% to the preparation and writing of his or her thesis.

Master Media Design (MA MD)

The Master Media Design offers training based on learning interaction design for scientific and social innovation. Graphic designers, industrial designers, engineers, and even computer scientists, are called upon to take up the technological, ecological and societal challenges generated by artificial intelligence and digital interfaces.

Main points of duties of the position of Assistant HES

- Participate in the realization of mandates and projects with external partners
- Provide educational support to teachers during practical lessons
- Provide technical support to students in the development of their practical work
- Assist in the management of equipment and rooms, preparation of teaching and learning materials
- Administrative follow-up and organization of educational activities (study trips, exhibitions, events, etc.)
- Manage orders and expenses incurred for mandates and courses
- Follow-up of speakers and guests
- Help with the management of the Media Design master's archives

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- Help create visuals and content for the communication of the Media Design master's degree on social networks and the HEAD - Geneva website.

Specific conditions related to the PhD position

The PhD assistant will be recruited by a joint HEAD - Geneva / EPFL commission. He or she will have to submit an online application to the EDAR doctoral school of EPFL and his or her final acceptance into the doctoral program will have to be endorsed by the EDAR committee. Once in the program, he or she will take the compulsory EDAR courses at EPFL and obtain the credits required by the doctoral school. The two places of supervision of the thesis are the EPFL and the HEAD - Geneva, a regular and equal presence on these two campuses is necessary. A work place will be available in each institution.

Supervision of the thesis

The doctoral thesis will be co-supervised by a professor from HEAD - Geneva (person approached: Nicolas Nova) and by a professor from the EDAR program at EPFL (person approached: Jérôme Baudry). Progress reports must be presented regularly (meetings with supervisors, annual report for the EDAR). The doctoral student must participate in the development of peer-reviewed publications and articles, study days, public events, and is encouraged to develop transdisciplinary projects. The doctoral degree will be issued by the EPFL (doctorate in science).

Thesis topic

The doctoral student will develop an inventive thesis project relating to digital, technical, scientific and / or environmental fields. The themes of DIY, amateur practices and knowledge, or current issues of the Anthropocene will be privileged. A dimension of "research-creation" is desired, at the crossroads of interaction design and human and social sciences (history and sociology of sciences and techniques, sociology of uses, anthropology of techniques).

Profile:

- Master in design (at least), or titles deemed equivalent
- Strong interest in design research and in research-creation
- Excellent writing and methodological skills
- Strong interaction design skills. Good programming skills (Javascript, p5.js, Processing) desired. Some knowledge of electronics (Arduino, ESP32 or Raspberry pi) would be a plus.
- Ability to supervise the work of students under the supervision of the branch manager
- Availability, thoroughness, perseverance and creativity
- Relational and organizational qualities
- Fluency in English and French.

Application requirements

- Cover letter (one page)
- CV (two pages)
- Copies of diplomas obtained and transcripts with written assessments
- Names and full contact details of two reference persons
- Summary of the thesis project (one page)
- Note of intent of the thesis project (10 pages maximum, bibliography and images included)
- Portfolio of personal works (20 pages maximum) if existing
- Master 2 research thesis
- Written work (research articles or other essays, max. 2 publications) if existing

These documents are to be collected in a single PDF document, in the order indicated above. The file is to be sent to rh.head@hesge.ch (written in French or English). Incomplete files or those which do not meet the required profile will not be taken into consideration.

For any further information, please contact Anthony Masure (anthony.masure@hesge.ch), Head of Irad at HEAD - Geneva.

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The contract will be annual for the assistant position. If accepted for the PhD position, the contract will be drawn-up for a four-year period under the terms of the Staff Regulations of the HES SO – Genève and the agreement between HEAD—Genève and EPFL.

Application deadline: Monday May 17, 2021 at 12 noon

Expected date of the interviews: June 15, 2021 (if necessary, by videoconference). A second interview session will be organized if necessary.

Start of the contract: September 1st, 2021. The contract will be concluded for a period of one year, renewed 3 times under the terms of the HES SO - Geneva staff regulations and the Agreement between HEAD – Genève and EPFL.

Place of work: HEAD - Geneva, Avenue de Châtelaine 5 & EPFL.

The HES-SO Genève / HEAD - Genève adopts a recruitment policy in favor of equal opportunities and diversity.