

Complexity Science*Hub

GRADUATE PROGRAM in **COMPLEXITY SCIENCE**

An initiative of the CSH Digital Innovation School

APPLICATION SUPPLEMENT | ENTERING COHORT 2025

csh.ac.at/education/graduate-program

ACADEMIC BACKGROUND pertaining to the highest degree earned

University: _____

Field of study: _____

Degree: _____

Date of completion / expected completion: _____

RESEARCH EXPERIENCE

Approximately how many different research projects have you been involved with over the past 6 years? A “research project” is an inquiry-based study designed to answer a novel question or hypothesis, to develop new theory to explain phenomena, or an attempt to design a solution to a problem/challenge.

0 1-2 3-4 5-6 7-8 9-10 10+

On average, how long have you worked on an individual research project? Please convert part-time research to a full-time (40 hours/week) equivalent, e.g. 4 months at 10 hours/week equates to 1 month of full-time (40 hours/week) experience.

< 1 month 1-3 months 3-9 months 9-12 months 1-2 years 2+ years

Which programming languages and statistical packages are you comfortable using?

C++ Julia Mathematica / Wolfram Matlab
 Python R Stata, SPSS, SAS _____

What is / are the general area(s) of your past research experience?

- Economics or finance
- Engineering
- Information sciences
- Life sciences
- Mathematics & statistics
- Physical sciences
- Social or political sciences

Complexity Science*Hub

Which CSH research theme(s) align(s) best with your interests?

<https://csh.ac.at/research/research-topic/>

- | | |
|---|---|
| <input type="checkbox"/> Foundations of complex systems | <input type="checkbox"/> Algorithmic fairness |
| <input type="checkbox"/> Collective minds | <input type="checkbox"/> AI & machine learning |
| <input type="checkbox"/> Human migration | <input type="checkbox"/> Financial technologies |
| <input type="checkbox"/> Social complexity & collapse | <input type="checkbox"/> Supply chain science |
| <input type="checkbox"/> Crime in the digital age | <input type="checkbox"/> Healthcare & medicine |
| <input type="checkbox"/> Urban sustainability | <input type="checkbox"/> Health across species |
| <input type="checkbox"/> Transforming economies | <input type="checkbox"/> Data analytics |

How did you first hear about the Graduate Program in Complexity Science?

- Professor, colleague, friend
- Email from your department
- Mailing list
- Social media
- Internet search for PhD programs
- CSH newsletter
- Other: _____

Please let us know if you would like your application considered for other PhD positions within the Complexity Science Hub network. Your answer does not influence your candidacy for the Graduate Program in Complexity Science.

If you only wish to have your application considered for the Graduate Program in Complexity Science, leave this section blank.

- positions at the Complexity Science Hub
- positions offered by Digital Innovation School faculty
- positions in the Network Science PhD program at Central European University

By ticking one of the above boxes, you agree to have your application materials shared with the hiring/admissions committee for the respective position(s).