

# Benoît de Courson

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## Education

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<b>Max Planck Institute of Criminology</b> <i>PhD student, supervised by J.-L. van Gelder, W. Frankenhuis and D. Nettle</i>	<b>Freiburg, Germany</b> 2021-2025
<b>Ecole Normale Supérieure</b> <i>"Elève fonctionnaire" (rank : 8)</i>	<b>Paris</b> 2017-2021
<b>Sorbonne University, LJLL</b> <i>MRES Mathematics for modeling (M2), with highest honours,</i>	<b>Paris</b> 2019-2020
<b>ENS-EHESS</b> <i>MRES Cogmaster (Cognitive social sciences, M1), with high honours,</i>	<b>Paris</b> 2018-2019
<b>Panthéon Sorbonne University</b> <i>History BA, with high honours,</i>	<b>Paris</b> 2017-2018
<b>Janson de Sailly</b> <i>Intensive classes (Khâgne B/L, humanities and social sciences),</i>	<b>Paris</b> 2015-2017

## Research experience

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<b>Econophysix and complex systems (Ecole Polytechnique)</b> <i>Research internship with J.-P. Bouchaud and M. Benzaquen</i> Agent based models applied to the research/imitation trade-off	<b>Palaiseau</b> March 2020 – September 2020
<b>Center for behaviour and evolution (Newcastle University)</b> <i>Research internship with Daniel Nettle</i> Stochastic control applied to the behavioral constellation of deprivation	<b>Newcastle</b> Sept. 2019 – Dec. 2019
<b>Institut Jean Nicod (ENS)</b> <i>Research internship with Jean-Baptiste André</i> Rational choice models applied to antisocial behaviour	<b>Paris</b> Jan. 2019–Juin 2019
<b>Institut Jean Nicod (ENS)</b> <i>Research internship with Nicolas Baumard</i> Web data mining on the scientific revolution and econometry on these data	<b>Paris</b> Dec. 2017–Juin 2019

## Publications

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- de Courson B., Baumard N. (2019, *preprint*) Quantifying the scientific revolution
- de Courson B., Nettle D. (2021, *Scientific Reports*) Why do inequality and deprivation produce high crime and low trust?, <https://www.nature.com/articles/s41598-020-80897-8>
- de Courson B., Fitouchi L., Bouchaud J.-P. & Benzaquen M. (2021, *Scientific Reports*) Cultural diversity and wisdom of crowds are mutually beneficial and evolutionarily stable

## Teaching, seminars

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- Seminar Quantitativisme Réflexif, ENS Paris-Saclay, October 2022
- Seminar Econophysix, Ecole Polytechnique, Paris, October 2022
- Seminar Méthodologie de la Recherche, Master of Literature, Sorbonne Université, Paris, October 2022
- Congrès Médias 19, Centre Culturel Canadien/BnF, Paris, May 2022
- *Gallicagram* tutorial, BnF Datalab (French National Library), Paris, May 2022
- NSCR, Amsterdam, Netherlands, April 2022
- Symposium "Resilience meets Criminology", Leiden University, Netherlands, April 2022
- Seminar Numapresse, Sorbonne, Paris, Februar 2022
- Seminar DHAI, ENS, Paris, May 2021
- Seminar "Qu'est-ce qu'une pseudoscience?", University of Geneva, Switzerland, April 2021
- 2021 EHBEA conference, Krakow, March 2021
- Organizer (with Léo Fitouchi) and speaker of the seminar "Naturaliser les sciences sociales" (ENS-DEC) (Speakers : Dan Sperber, Pascal Boyer, Coralie Chevallier...) (2019)
- Weekly international politics pieces at the *Matinale de l'ENS*, a student webradio (2018-...)
- Teacher of the module "Algebra for economists" (2019-2021, L2, CPES (PSL))
- Math interrogations ("Khôlles") in intensive classes B/L (lycée de Janson de Sailly, 2018-...)

## Informatic skills

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- *Python* (Advances skills, especially in dynamic programming, machine learning and object oriented programing)
- R (advanced skilles, especially in web scrapping, data visualization, stats and cartography)
- Julia (basics)
- $\LaTeX$
- Development of the lexicography website *Gallicagram* (<https://shiny.ens-paris-saclay.fr/app/gallicagram>)