

HEC MONTRÉAL

PhD Positions Available Department of Logistics and Operations Management, HEC Montreal

We have two PhD positions in the Department of Logistics and Operations Management, HEC Montreal with a focus on Transportation and Logistics. The start date will be Fall 2023. The PhD students will work under the supervision of Professor Wenyi Xia. Her research focuses on developing advanced data analytical or game theoretical approaches for improving the operations of urban transportation systems. More details of her research can be found at <https://wenyi-xia.com/>. The students will work on projects including but not limited to port adaptation strategies to climate change, passenger behavior modeling and estimation, and urban mobility. The methodologies involved in the research include applied econometrics, game theory, and optimization. Each student will receive a scholarship of CAD\$20,000 ~ \$25,000 per year and an exemption of tuition fees during the first 4 years of studies.

Qualifications:

- A master's degree (by the Program start date) in a related field such as economics, statistics, mathematics, engineering, and computer science. Students who have a bachelor's degree and are interested in doing a PhD can apply through the MSc program first and can be considered for a fast-track admission to PhD: <https://www.hec.ca/en/students/my-program/msc/accelerated-admission/index.html>
- Strong quantitative skills
- Good English writing and communication skills demonstrated by your Aptitude test: GMAT (≥ 640) or GRE ($\geq 70^{\text{th}}$ percentile) and your English test (required for international student): TOEFL (≥ 100) or IELTS (≥ 6.5)
- Strong motivation and interest in research
- Prior research experience will be a plus

If you are interested, please send the following documents:

- Your latest CV
- Your Master's (if applicable) and Bachelor's transcript

to me at wenyi.xia@hec.ca with the email subject as "PhD applicant Your Name", for example, "PhD applicant Wenyi Xia". More details of the PhD program can be found at:

<https://www.hec.ca/en/programs/phd/phd-logistics-and-operations-management/index.html>. Note that the PhD program is offered jointly by the universities of HEC Montréal, McGill, Concordia and UQAM, which means that the students are free to take courses offered by these four universities. The application deadline through the portal of HEC Montreal is January 7, 2023. If you have any questions, please do not hesitate to send me an email.

About the university: HEC Montréal is a public Canadian business school located in Montreal, Quebec, Canada. Founded in 1907, HEC Montréal is considered one of the best business schools in Canada. The school is ranked 6th in Canada, 72nd in North America and 100th in the world.¹ **About the city:** Montreal is Canada's second-largest city and one of Canada's largest cultural hubs. The city is full of world-renowned universities, international festivals, amazing arts, history, and delicious food. According to the 2022 QS ranking, Montréal is one of the best student cities in the world: 9th in the world and 1st in America.²

¹ <https://www.hec.ca/en/news/2022/hec-montreal-among-best-universities-in-the-world-for-management-research.html>

² <https://www.qschina.cn/en/city-rankings/2022>