



Erasmus Call for MSc and PhD

Students of Ferdowsi University of Mashhad (FUM)



❖ General information and eligibility criteria

- This is a mobility scholarship in the context of Erasmus+ program between Lund University (Sweden) and FUM for one PhD student and one Master student.
- The student has to be registered at Engineering Faculty at FUM.
- Priority is given to students in Civil Engineering department.
- The mobility duration is 3 months for M.Sc. student and 5 months for PhD student to stay in Department of Technology and Society, Faculty of Engineering (LTH) at Lund University.
- The mobility period is counted as part of the student's study program at FUM.
- The living costs (~900 € per month including travel cost) will be paid by Erasmus fund.
- The research topics include:
 - Remote Sensing (time series analysis of Earth Observation satellite data)
 - InSAR processing
 - Spatio-temporal analysis in transportation and environmental problems
 - Change detection (e.g., spatial changes in transportation infrastructure, etc.),
 - Flood and fire mapping using satellite data
 - Indoor positioning
 - Geospatial Information Systems
 - WebGIS programming
 - Intelligent Geospatial Information System
 - Demand detection in public transport
 - Deep learning (in transportation, satellite image processing)

❖ Required documents:

- Curriculum Vitae (CV)
- Research Plan
- English language evidence (IELTS \geq 5.5, TOEFL \geq 46). National tests of English language skills (MSRT \geq 60, MCHE \geq 60) may also be considered.
- Scanned copy of the first page of passport (for selected candidates)

❖ Time Table

- 4-10 Jan. 2021: Send your documents to Dr. Etemadfard via email: etemadfard@um.ac.ir (the subject of your email should be "Erasmus for MSc Student" or "Erasmus for PhD Student").
- 15-30 Jan. 2021: First round of selection at Ferdowsi University
- 5 Feb. 2021: The candidates selected at the first round will get informed (three PhD candidates and three candidates for the master position).
- 10-30 Feb. 2021: Candidate evaluation at Lund University (CV, interview, research plan, English language test etc.).
- 5 Mar. 2021: The final decision made and the selected students (one PhD and one master) will be informed.
- 15 Aug. 2021: Mobility studies starts at Lund University.