Domeinspecifieke leerresultatenkader

Cluster   :   -

Opleiding   :   Master of Science in de statistiek / Master in Statistics (master)

Niveau   :

o Vlaamse Kwalificatiestructuur	7
o Codex Hoger Onderwijs	MA
o Europese Hoger Onderwijs Ruimte (Dublin-descriptoren)	2e cyclus
o Europees Kwalificatiekader voor een Leven Lang Leren	7

Opleiding wordt aangeboden aan de volgende instellingen:
- Katholieke Universiteit Leuven
- Universiteit Hasselt

Domeinspecifieke leerresultaten van de opleiding:

Graduates

1. Have advanced knowledge of and insight into a wide range of statistical techniques, their interrelations, and their application.
2. Can act as a statistical expert and effectively collaborate in a team with subject-matter scientists and/or practitioners in the area of the chosen specialization.
3. Can properly handle quantitative scientific research questions, independently, effectively and creatively, using proper design and analysis methodology.
4. Are able to contribute to statistical and/or substantive scientific research, in the area of the chosen specialization.
5. Can critically appraise the statistical process, from design, over data collecting process, data quality, and data analysis to reporting.
6. Are able to select and use a suitable analysis technique (i.e. sufficiently robust, efficient, practically feasible, etc.) as well as an appropriate software tool, interpret the ensuing results, assess and quantify uncertainty and formulate an evidence based

answer for a specific problem arising within a given area of specialization.
7. Are capable of independently and systematically acquiring new knowledge through critically consulting appropriate sources in the international statistical and scientific literature and/or through professional networks.
8. Are effective written and oral communicators, as well as negotiators, both towards an audience of statistical experts as well as subject-matter experts.
9. Can act as a responsible statistician in collaboration with other statistical and/or subject-matter scientists, with due regard to relevant ethical and social issues, including data integrity.

Datum validatie: 9 maart 2015