Domeinspecifieke leerresultatenkader

datum
8 september 2014
onderwerp
Domeinspecifieke leerresultaten Master of Science in Artificial Intelligence (master-na-master)

Cluster : -

Opleiding : Master of Science in Artificial Intelligence (master-na-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:
- KU Leuven (unieke opleiding)

Domeinspecifieke leerresultaten van de opleiding:

1. Possess advanced knowledge and understanding of methods, techniques and tools of Artificial Intelligence and of their relevance and applicability, both in science and industry.
2. Have the required knowledge and understanding of programming languages to be able to productively collaborate with software engineers in the development of an Artificial Intelligence software system.
3. Have the required knowledge and understanding of Artificial Intelligence techniques and tools to be able to engage in professional activities in areas such as Big Data Analysis, Speech and Language Technology, or other application domains of Artificial Intelligence.
4. Are able to independently analyze, model and design solutions for problems in Artificial Intelligence research or applications, and to critically interpret the results.
5. Are able to critically evaluate and assess novel problems and proposed solutions in Artificial Intelligence, in full awareness of the potential and limitations of the state of the art.
6. Are able to independently select appropriate technological means and constructively apply them to a problem in Artificial Intelligence.

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7. Are able to independently collect, consult and critically interpret scientific sources.
8. Are able to independently formulate research goals, set up trajectories to obtain these goals and execute those trajectories, on the level of a starting researcher.
9. Are able to clearly and accurately report on scientific findings in Artificial Intelligence or on advances in its application domains, both in written and in oral form.
10. Are able to critically assess new scientific developments, within a sub domain of Artificial Intelligence, and to situate them, both in a broader context of the entire discipline, as well as in terms of their societal relevance.
11. Have a good understanding of the interdisciplinary and international dimensions of Artificial Intelligence (research), also in view of potential collaboration with representatives of related disciplines, both local and international.

Datum validatie: 8 september 2014