



PhD in the Aalborg UNESCO center for PBL

Opportunities to pursue a PhD degree in the field of PBL at Aalborg University

AAUPBL

Aalborg University has been nationally and internationally recognized for its pedagogical approach "The Aalborg Model for Problem Based Learning (PBL)". Over the past decades, a good number of research has been conducted to document why and how PBL works, and how it can be implemented in institutions all over the world. To further enhance the research profile of AAU in the field of PBL, and addressing a global audience, new opportunities to pursue a PhD degree in the field of PBL are offered to attract more young researchers internationally. Encouraged by Aalborg University's overall strategy regarding establishing international collaborations on PBL,

Aalborg UNESCO Centre for Problem Based Learning (<https://www.ucpbl.net>) will now provide opportunities to pursue a PhD degree. The study modes include onsite and online modes (with options of fully online or blended modes). The PhD study may be funded through diverse sources, including governmental, institutional, and industry support, as well as self-financed.

Objectives

Such opportunities for PhD studies intend to develop competent researchers in the field of PBL, embracing basic research as well as applied, developmental and action research aimed at creating educational change.

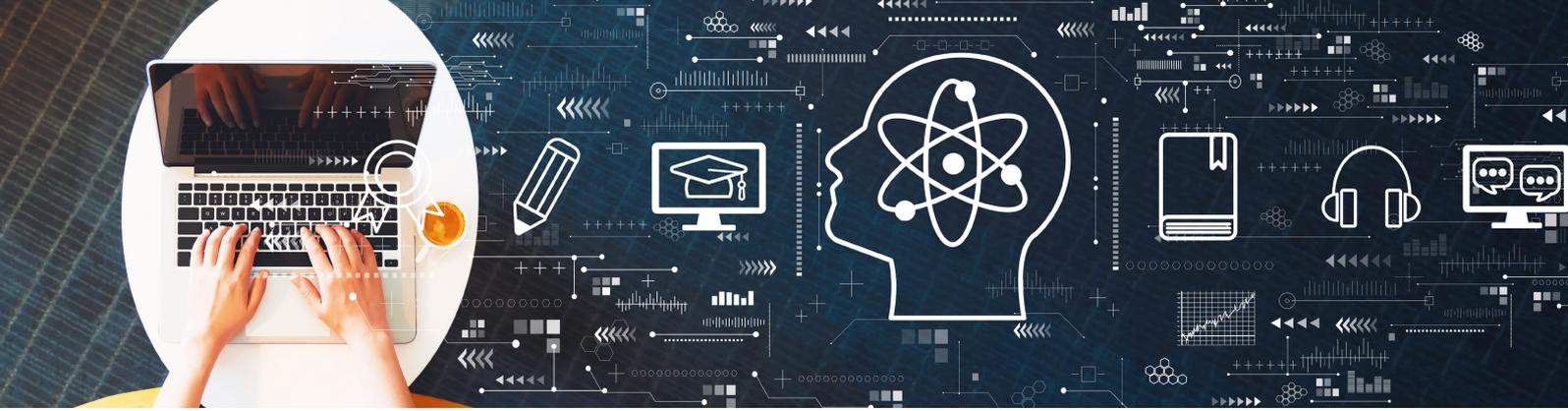


United Nations
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AALBORG UNIVERSITY

Aalborg Centre for Problem Based Learning
in Engineering Science and Sustainability
under the auspices of UNESCO



Research areas

Prospective PhD candidate are encouraged to explore diverse dimensions of PBL development. Potential topics can address, but will not be limited to, the following aspects.

- PBL epistemologies – research on fundamentals and the philosophy of PBL within and across any socio-cultural context
- Variation of PBL approaches – research on diverse approaches to PBL practices including curriculum, course design, implementation, assessment methods and evaluation of PBL outcomes
- PBL competences – research on diversity of PBL related competences
- PBL, digitalization and Networked Learning – research on PBL and PBL development in a digital world
- PBL and interdisciplinarity – research on disciplinary and interdisciplinary aspects of PBL
- PBL and culture – research on diverse culture and intercultural issues related to teaching and learning in PBL
- PBL implementation and organizational change – research on how PBL can be implemented in various social, organizational and cultural contexts
- PBL and sustainability – research on how PBL support the sustainability of higher education
- PBL across diverse educational levels and subjects (e.g. STEM)

Study mode

Prospective PhD candidates will become affiliated with the Aalborg UNESCO Centre for Problem

Based Learning (<https://www.ucpbl.net>). Courses and activities will be offered in a blended mode including online activities (courses, supervision meetings, and research work) and face-to-face activities (e.g. seminars, summer schools).

Potential candidates

Researchers and educational practitioners who are interested in PBL development and its contribution to higher education and the society.

Admission and duration

Detailed information on enrolment, duration, courses equivalent of 30 ECTS (European Credit Transfer System) and other PhD study related information can be found on these websites:

<https://www.en.aau.dk/research/phd/>

<https://www.en.plan.aau.dk/doctoral-programme/>

Contact

For further academic information please contact Aalborg UNESCO Centre for PBL

ucpbl@plan.aau.dk

Examples of courses related to this PhD program include:

- PBL and learning philology and theories
- PBL and relevant research methodology
- PBL implementation and educational change cross cultures
- PBL and facilitation



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