

Institutional Modernization Project - Unisinos (PIM)



Brazil-USA Program of Modernization of Undergraduate College Education
(PMG - USA)



FULBRIGHT





Brazil - USA Program of Modernization of Undergraduate College Education (PMG - USA)

Institutional Modernization Project (PIM)

Civil Engineering and Environmental Engineering



Continuous improvement of the teaching process

Curricular practices closer to the challenges of work

Deepening of experiences in the ecosystem UNISINOS

INTEGRATION:
Teaching
Search
Extension

Real Estate Agencies



Higher Education Personnel Improvement Coordination (CAPES)



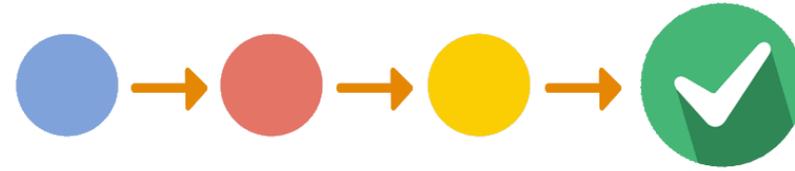
Commission for Educational Exchange between the United States and Brazil (Fulbright)

GENERAL GOAL

Implement a new flexible and personalized Undergraduate College Education Model, which goes beyond the disciplinary vision and the limits of the classroom in a continuous training path integrated with reality.



SPECIFIC GOALS



 Expand the partnership with companies in the productive sector, also bringing classroom practices closer to the UNISINOS Technological Institutes;

 Create a space for the integration of projects that encourage the generation of ideas, proposing solutions to problems and entrepreneurial actions;

 Develop a virtual environment that allows the construction and individualized monitoring of each student's portfolio;

 Strengthen and broaden relations with American institutions for the exchange of students and teachers, in addition to implementing dual degrees;

 To manage the implementation of the new curriculum, in order to guarantee the development of the skills necessary for the performance of the egress in a constantly changing professional context.



Basic training contents

Academic activities of vocational training, potentials of integrated practices



Civil Engineering

RELATIONSHIP

Environmental Engineering



Multidisciplinary teams for the elaboration and execution of plans, programs and management projects

Waste management; design, plan and monitor water systems, water treatment, sewage and industrial effluents; reduce environmental impacts



CURRICULUM

A new model for student development

Support the constitution of a professional way of being, permeated by the institutional values of the University.

Provide a solid and committed formation with the local community.

Be designed to meet the challenges of training the professionals of the future.

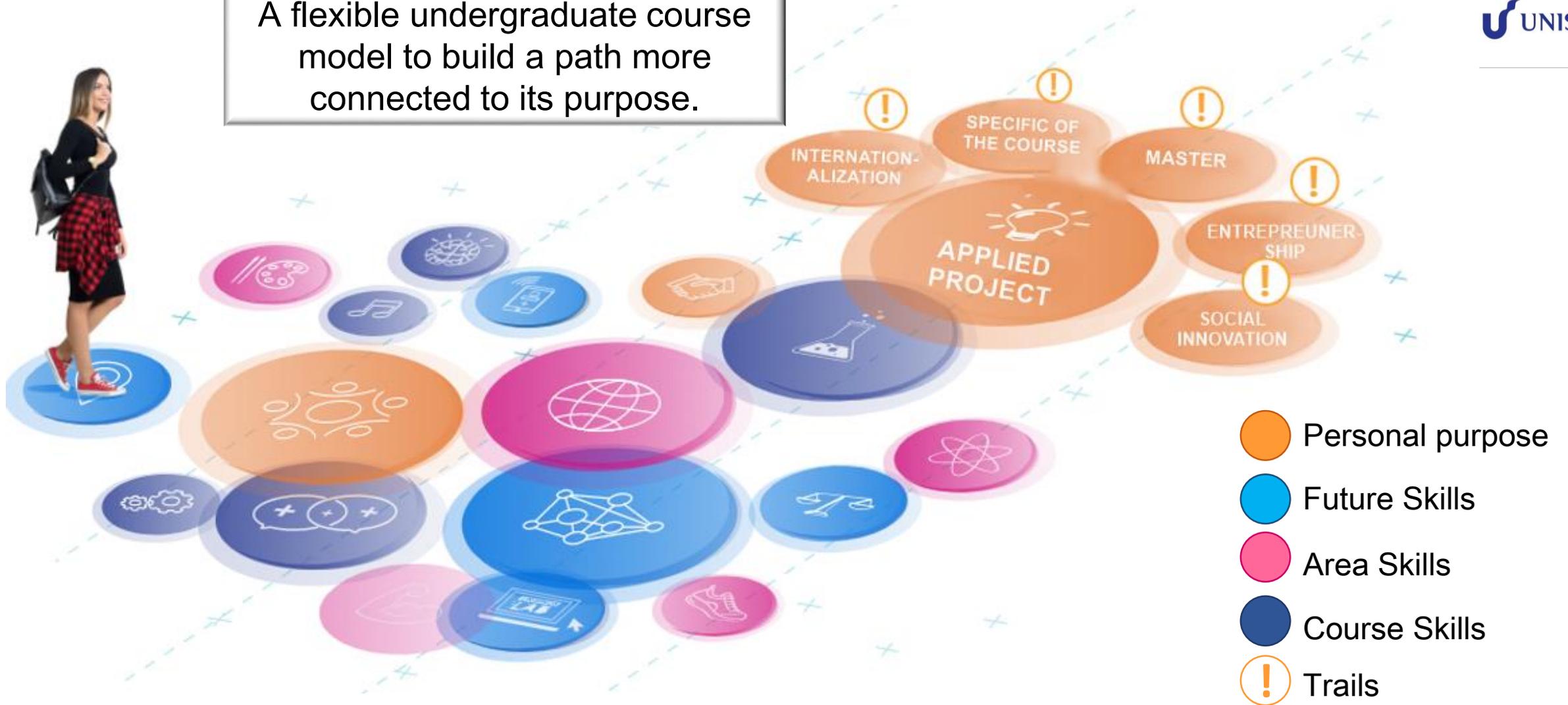
Propose that students customize their academic journey according to their interests.



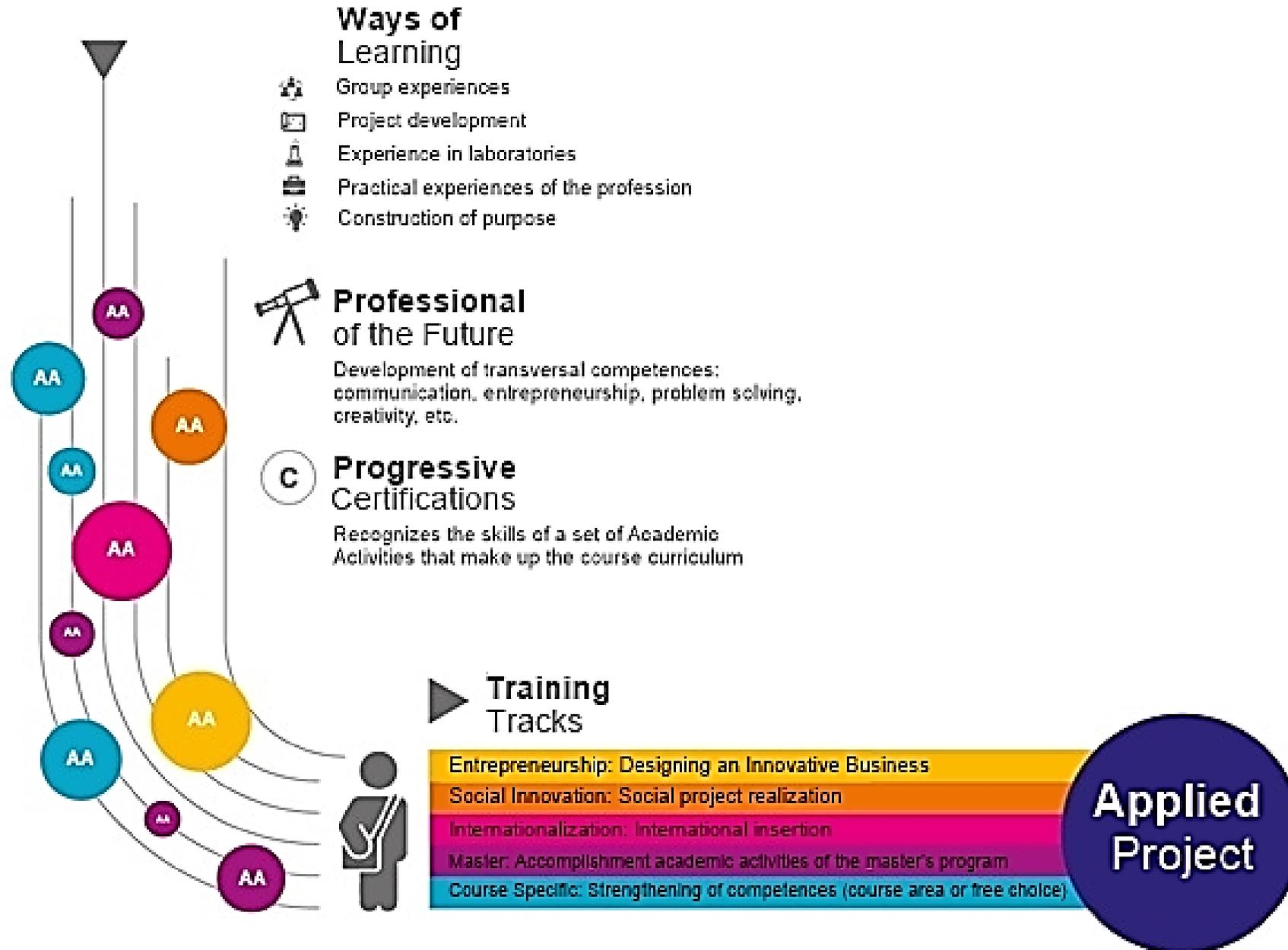
Trajectory of the student throughout the curriculum, which aligns personal and professional skills, through practical experiences of the chosen career.

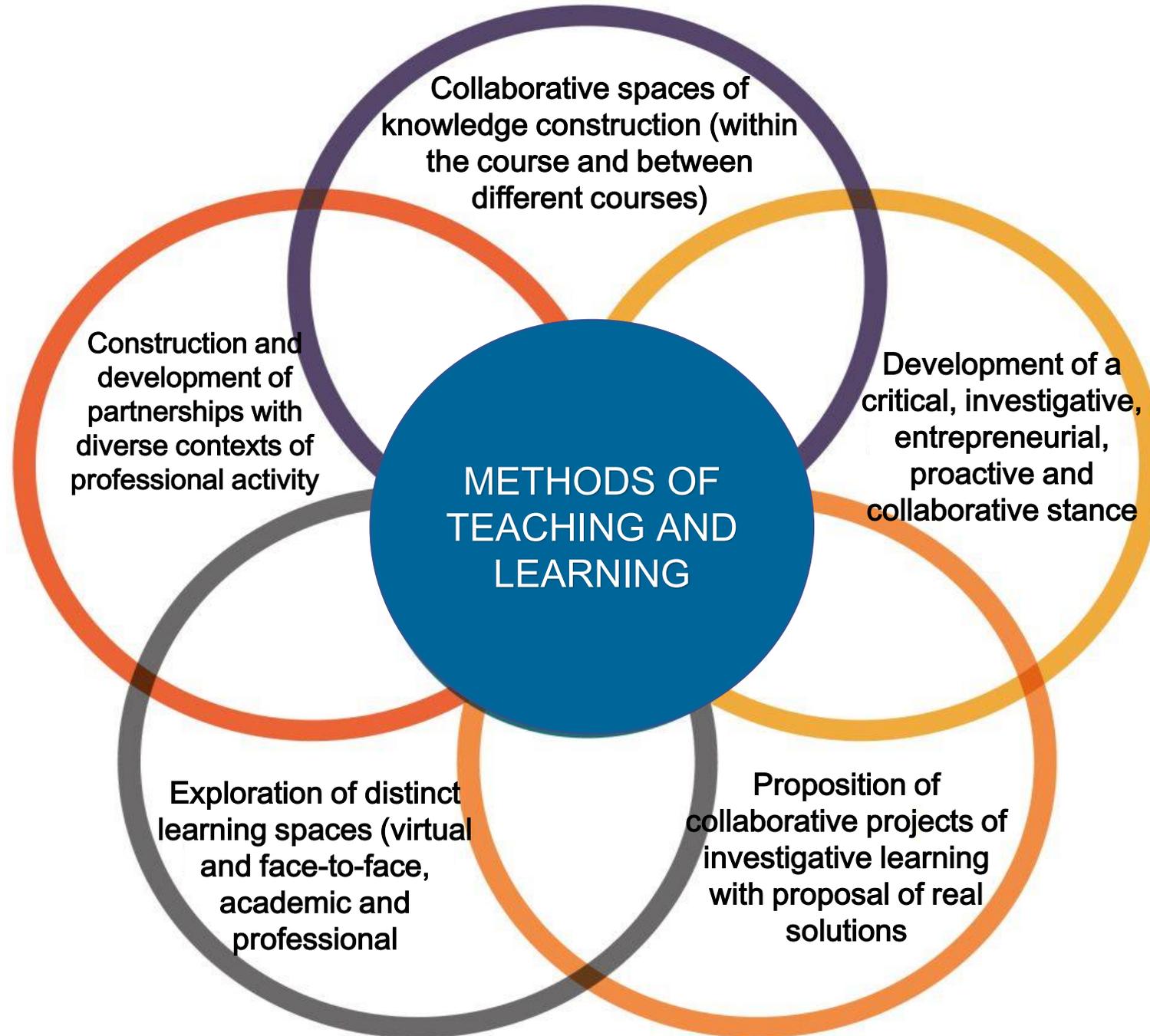
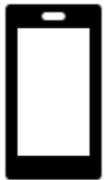


A flexible undergraduate course model to build a path more connected to its purpose.



Undergraduate College Academic Activities





EXECUTION

Duration of the project:
8 years

Curriculum
Improvement, Methods
and Management

Work missions will be
held in the United
States, for the
development of
cooperation activities
in engineering
education

Teachers working in
engineering education
in the USA should
come to Brazil to
conduct courses,
trainings, lectures or
seminars, in technical
visits

The project counts on
the collaboration of
Assistants for its
implementation, and
among its activities are
also planned short trips
to the USA



TEAM



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