

PhD Degree

co-operation
promotion of science
creativity on an amazing campus
booming internationalisation
interdisciplinary instruction
a vast network
a research university

Doctorate in Business Innovation

DBI

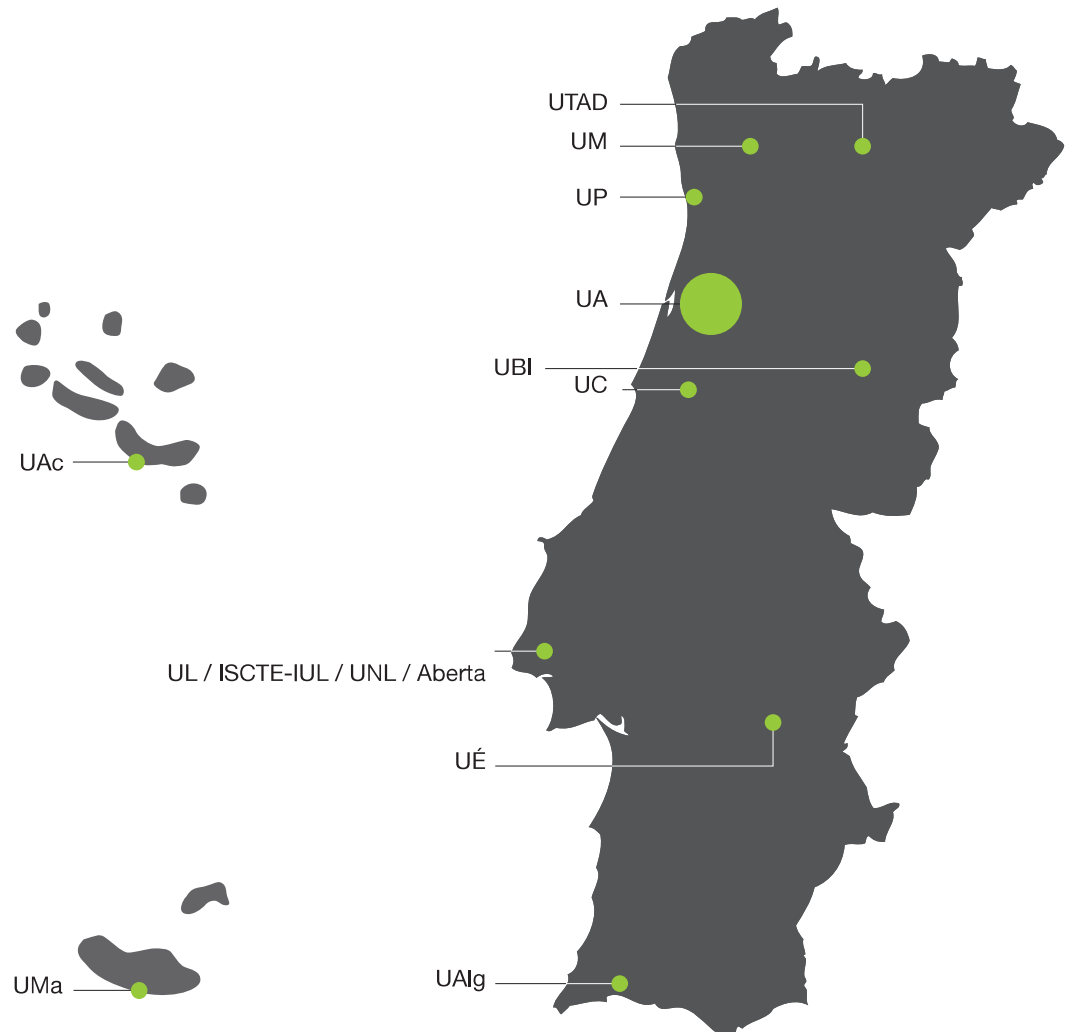
knowledge is created... in companies... with the University of Aveiro
together with the Munich University of Applied Sciences and the Strascheg Center for Entrepreneurship

Universidade de Aveiro (UA)

in the centre region of Portugal



SCE Munich



UAc

UL / ISCTE-IUL / UNL / Aberta

UMa

UAlg

UÉ

UBI

UC

UA

UP

UTAD

UM

in collaboration with SCE/MUAS within the DBI



UA has a strong collaboration with SCE/MUAS (within the DBI)

The Strascheg Center for Entrepreneurship (SCE) acts as a focal point for Munich University of Applied Sciences' (MUAS) enterprise and knowledge exchange activities.



SCE goal is to nurture entrepreneurial thinking and action through education and business start-up support measures. The range of education and research programmes combine practical knowledge and personal development in an interdisciplinary setting. The programmes focus on innovation as well as corporate and social development.

SCE promotes learning in live entrepreneurial settings that enhances effectuation skills. SCE take a process-oriented approach to entrepreneurship, by either starting with a precise idea or a set of personal competences, skills and resources. Scientific results will be directly linked to practical application.

— why DBI?

Doctorates in the companies may enhance specific processes and help rethinking the existing ones, due to:

- Advanced methodologies
- Innovative attitude
- Questioning of existing processes
- Thinking “out of the box”

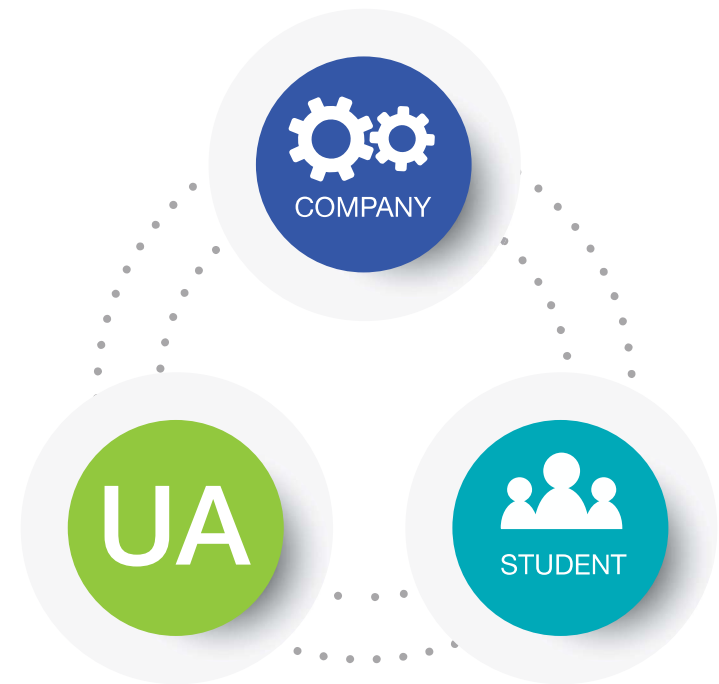
The DBI program equals the classic PhD, but is enhanced in:

- Flexibility
- Adaptation to senior executives at work
- Focus on applied results and personalized objectives
- Business and innovation

study cycle's generic objectives

DBI results from a large number of companies' requests and the willingness of the University of Aveiro to offer postgraduate training at PhD level in a business context/environment, that can solve problems and reinvent the complex and multidisciplinary processes of companies.

DBI's mission is to train the best innovation professionals in their different business applications, promoting quality research with international impact and providing the industry with the best tools to improve its competitiveness on a global scale.



— study cycle's generic objectives

DBI is a flexible, business context-adaptive program.

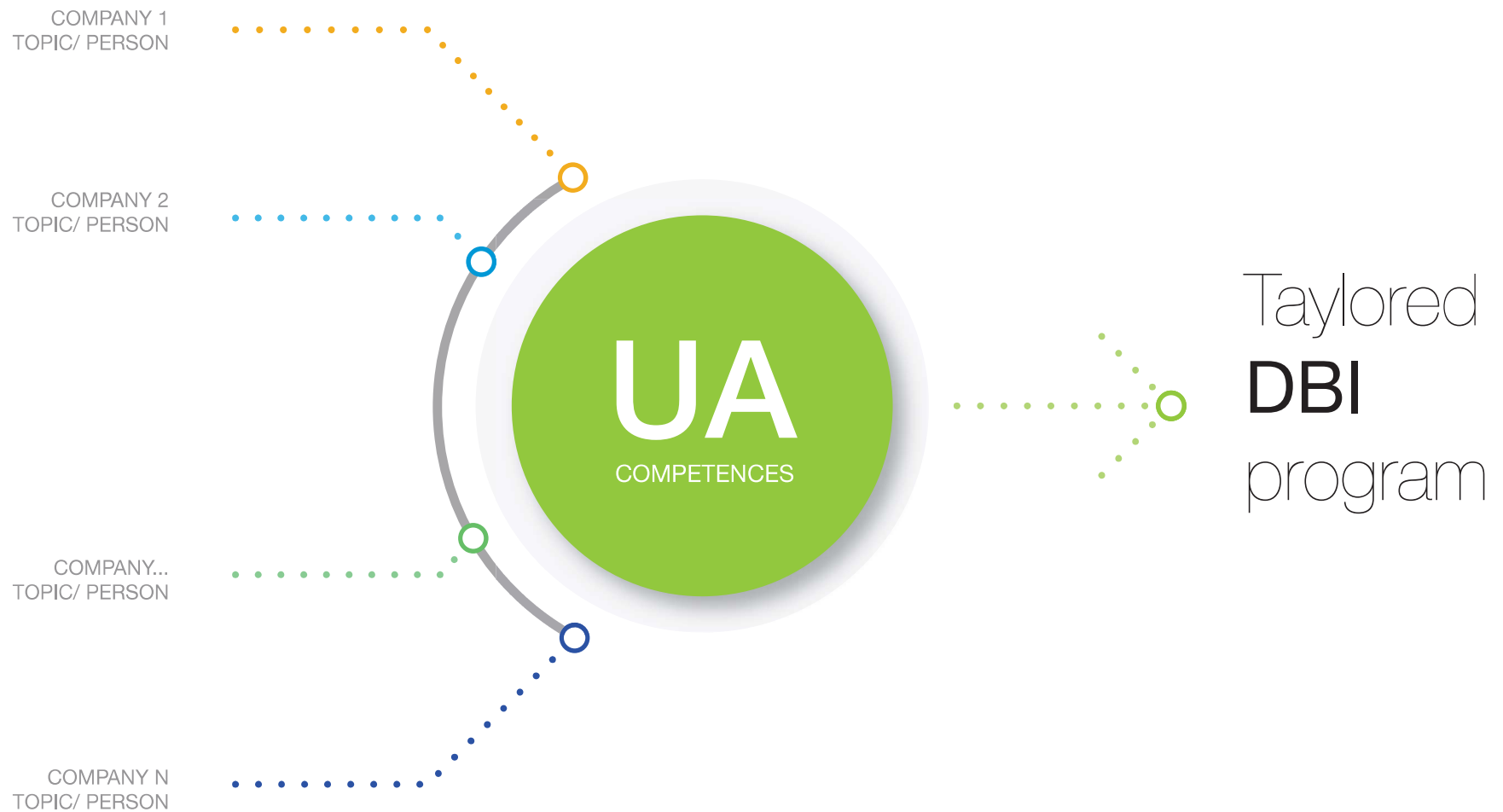
focused on applied results and personalized goals, dedicated to innovation (both in technical and/or business).

DBI promotes learning in a business environment, enhancing effective student skills.

learning outcomes

- Acquire scientific knowledge in business innovation, oriented to certain fields of application;
- Design and conduct innovative research in a business environment, from the bibliographic research, planning and application of scientific research methods to the critical analysis of results;
- Being able to respond to emerging challenges, in complex and interdisciplinary business contexts, applying advanced methodologies for analysis and development of innovative proposals focused on business and technical competitiveness;
- Develop a critical attitude and out-of-box thinking in the design and development of new products, processes and technologies;
- Be able to communicate with peers, stakeholders, the academic community and society, about the topics in their area of expertise, using the resources suitable to the context and target audience;
- Being able to work within multidisciplinary teams with empathy and harmony, respecting the codes of ethics and professional conduct, in favor of eco-efficiency and societal challenges.

how does DBI work?



how does DBI work?

- 01 The UASCE annually opens the call (during April)
- 02 The company identifies the topics, the processes and the persons to be engaged
- 03 The company proposes a topic and person and if possible a Company supervisor
- 04 The UASCE gives a general overview on the topic and helps identifying the supervision team and the host research unit(s) at the UA
- 05 The UASCE promotes a personalised meeting between the candidates and the supervision team
- 06 The UASCE through the scientific supervisor and related actors will produce a personalised plan for the first year and remaining years of the work

access requirements for DBI

In order to
access the
Doctoral
Programme,
the candidate

must satisfy the conditions laid down in national legislation, with regard to the specific norms applied and, in particular, must respect at least one of the alternatives given below:

- Must hold a Masters degree or a 2nd cycle course of higher education, or
- Possess a Higher Education degree, obtained in a Portuguese or foreign institution, which has been recognized as appropriate by the Scientific Council of the University of Aveiro, or
- Possess an academic, scholarly or professional curriculum which is especially relevant and recognized as such by the Scientific Council of the University of Aveiro.

Additionally, the candidates must have

- The official and formal support of a company, demonstrating the utility of the thesis work.
- A thesis proposal.

The previous conditions must be satisfied through the use of the adequate templates provided by DBI services.

Templates for DBI candidature

Adequate
templates
are available
in the DBI
services

Ref. - Doctoral Program
Doctorate in Business Innovation

Dear
Rector of the Universidade de Aveiro

[Name of the directors OR trustees OR partners OR principal], as [directors OR trustees OR partners OR principal], of the [company OR trust OR partnership OR business], declare under honour that [name of the company OR trust OR partnership OR business] supports the candidature of [name of the candidate] to the Doctoral program in Business Innovation.

The *[name of the company OR trust OR partnership OR business]* assure all required resources to the work program established with the Universidade de Aveiro, conducive to the degree of doctor of *[name of the candidate]*, including the payment of the inherent fees.

Dated this ____, da of _____, of 20__

.....
[Name and signature of the directors OR trustees OR partners OR principal]

Minusc printed with the company stamp

Thesis proposal
Proposta para Desenvolvimento de Tese de Doutoramento
Doctorate in Business Innovation

Name/Nome do candidato:

.....

Company/Nome da empresa patrocinadora:

.....

Preliminary Title of the Work Program/Título Provisório do Programa de Trabalhos:

.....

Main Scientific Field/Área Científica:

- Ciências da Engenharia
- Ciências Empresariais e da Administração
- Design

Abstract/Sumário:

.....

Brief Description of the proposal/Breve Descrição do Tema Proposto (máx. 3 000 caracteres):

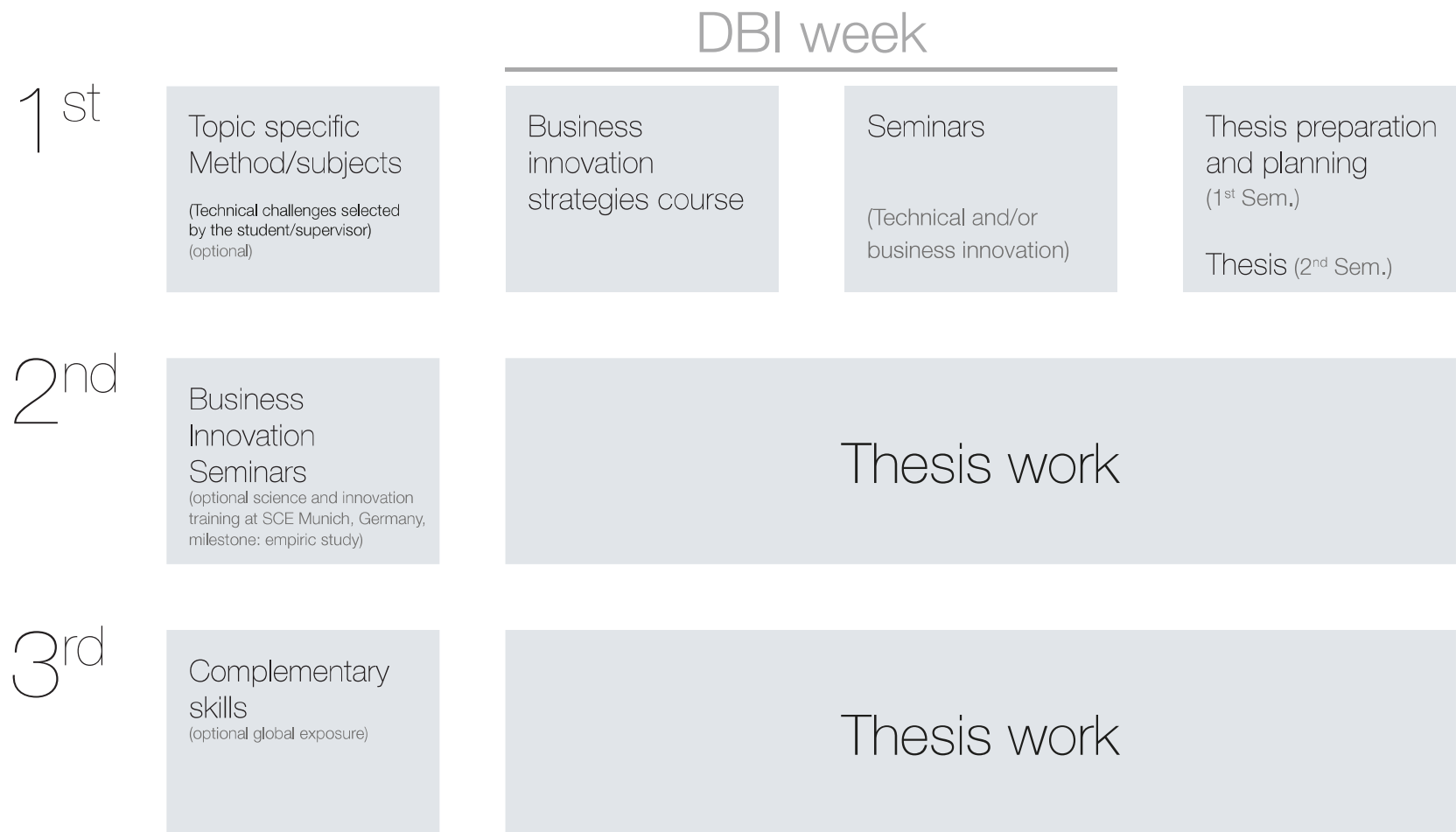
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location where the DBI will be delivered

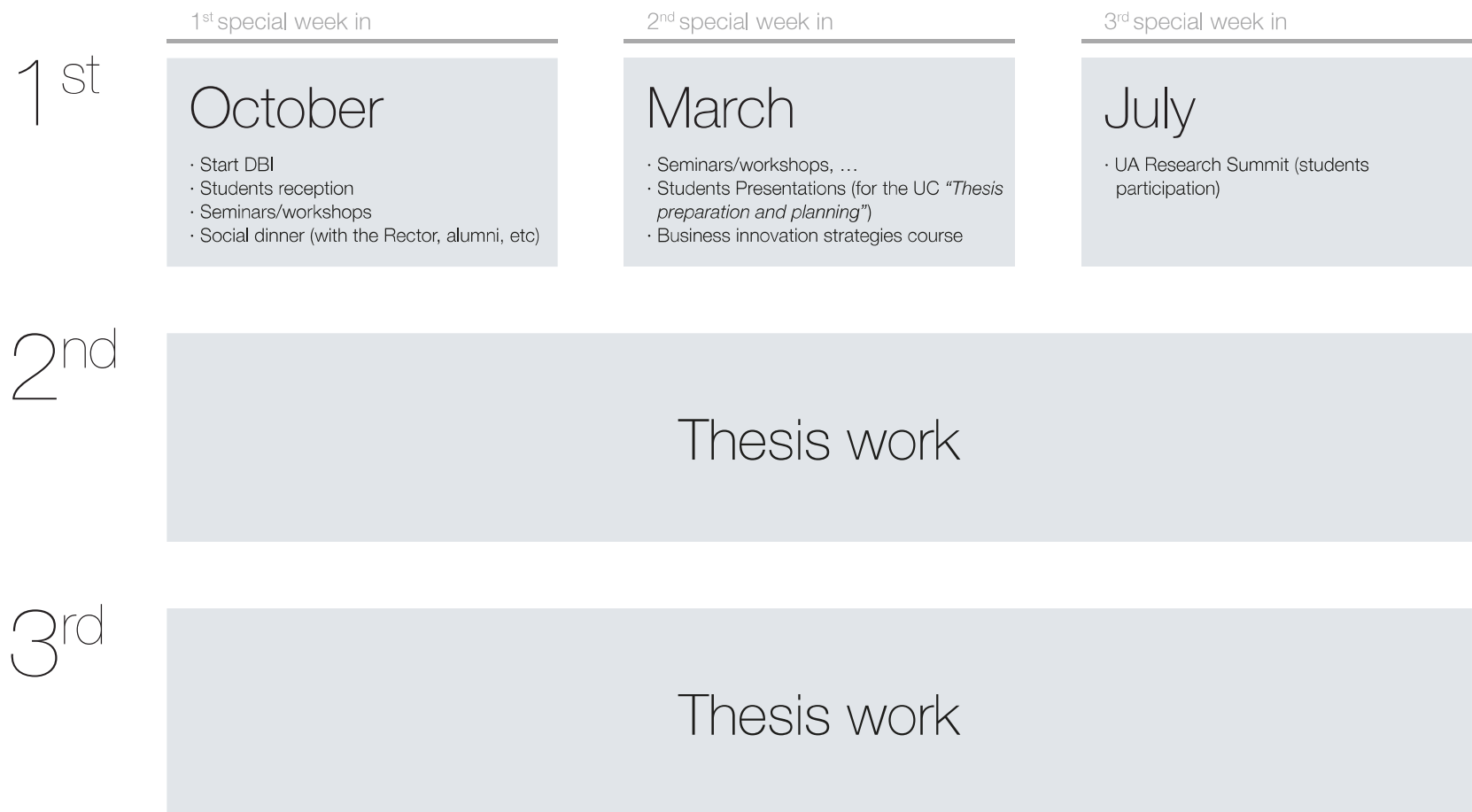
DBI will

- be provided in a **business environment**;
- provide supervisors that meet with the student in the company/industry;
- require the **attendance of the DBI week**, that takes place at UA, with learning modules, workshops, seminars, presentations,...
- have students making **regular presentations** (public or restricted) during the DBI (e.g. Thesis preparation and planning) in UA;
- have all discussion and documents in English;
- provide PhD students with advanced innovation training to be applied in a **business environment**;
- enable a match between the training provided by the course and the initial training of doctoral students through the areas of expertise to be developed in the thesis;
- encourage specialized innovation training that values and promotes dialogue foster a strong collaborative attitude among all those involved in the course as well as with other partners that may be added;
- the SCE offers an optional science and innovation training in Munich in year 2 and 3.

block diagram of the DBI Program



block diagram of the DBI Program (special weeks)



DBI › profile matching

Doctorate in Business Innovation

- advanced materials and processing
- applied mathematics
- biochemistry
- biology
- biology and ecology of global changes
- biomedicine
- biorefineries
- biotechnology
- business and economics
- chemical engineering
- chemistry
- civil engineering
- computer engineering
- computer science
- design
- electrical engineering
- energy systems and climate change
- environmental sciences and engineering
- food science and technology and nutrition
- geosciences
- gerontology and geriatrics
- history of sciences and scientific education
- industrial engineering and management
- information and communication in digital platforms
- marine science, technology and management
- marine sciences
- marketing and strategy
- materials science and engineering
- mathematics
- mathematics and applications
- mechanical engineering
- multimedia in education
- music
- nanosciences and nanotechnology
- physical engineering
- physics
- political science
- public policies
- refining, petrochemical and chemical engineering
- science and technology of polymers
- sustainable chemistry
- telecommunications
- territory, risk and public policies
- tourism
- others...

DBI
2019/2020

The University of Aveiro as a network of instruction and innovation, the forerunner and driving force behind regional development and the creation of wealth

For more information,
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