DCA

PH. D. in Business Administration

(Edition 2020)

First Semester

Code	Name	CL	L	U	CA	UDC
GD6030	Guided Research I	3	0	12	3	0
GD6031	Guided Research II	3	0	12	3	0
GD6032	Guided Research III	3	0	12	3	0
		9	0	36	9	0

Second Semester

Code	Name	CL	L	U	CA	UDC
GD6033	Research Proposal I	3	0	12	3	0
GD6034	Research Proposal II	3	0	12	3	0
GD6036	Research Seminar I	1	0	2	.5	0
GD6042	Research Integration I	1.5	0	6	1.5	0
GD6046	Integrated Exam	1.5	0	6	1.5	0
GD6047	Research Workshop I	1	0	4	1	0
		11	0	42	10.5	0

Third Semester

Code	Name	CL	L	U	CA	UDC
GD6017	Doctoral Research I	3	0	12	3	0
GD6018	Doctoral Research II	3	0	12	3	0
GD6035	Research Proposal Defense	1.5	0	6	1.5	0
GD6037	Research Seminar II	1	0	2	.5	0
GD6048	Research Workshop II	1	0	4	1	0
		9.5	0	36	9	0

Fourth Semester

Code	Name	CL	L	U	CA	UDC
GD6019	Doctoral Research III	3	0	12	3	0
GD6020	Doctoral Research IV	3	0	12	3	0
GD6038	Research Seminar III	1	0	2	.5	0
GD6044	Scientific Product I	1.5	0	6	1.5	0
GD6049	Research Workshop III	1	0	4	1	0
		9.5	0	36	9	0

Fifth Semester

Code	Name	CL	L	U	CA	UDC
GD6021	Doctoral Research V	3	0	12	3	0
GD6022	Doctoral Research VI	3	0	12	3	0
GD6039	Research Seminar IV	1	0	2	.5	0
GD6043	Research Integration II	1.5	0	6	1.5	0
GD6050	Research Workshop IV	1	0	4	1	0
		9.5	0	36	9	0

Sixth Semester

Code	Name	CL	L	U	CA	UDC
GD6023	Doctoral Research VII	3	0	12	3	0
GD6024	Doctoral Research VIII	3	0	12	3	0
GD6040	Research Seminar V	1	0	2	.5	0
GD6045	Scientific Product II	1.5	0	6	1.5	0
GD6051	Research Workshop V	1	0	4	1	0
		9.5	0	36	9	0

Seventh Semester

Code	Name	CL	L	U	CA	UDC
GD6025	Doctoral Research IX	3	0	12	3	0
GD6026	Doctoral Research X	3	0	12	3	0
GD6027	Doctoral Research XI	3	0	12	3	0
GD6041	Research Seminar VI	1	0	2	.5	0
GD6052	Research Workshop VI	1	0	4	1	0
		11	0	42	10.5	0

Eighth Semester

Code	Name	CL	L	U	CA	UDC
GD6000	Doctoral Defense	0	0	1	.3	0
GD6028	Doctoral Research XII	3	0	12	3	0
GD6029	Doctoral Research XIII	3	0	12	3	0
		6	0	25	6.3	0

Academic credits

CL The letter "CL" indicates the number of class-hours per week.

L The letter "L" indicates the number of laboratory-hours per week.

U The letter "U" represents the equivalent time in courses lasting 15 weeks (semester) and 12 weeks (trimester), of weekly work that the student dedicates to the course to meet its objectives. They include the "class hours", as well as the time dedicated to the student's independent work.

CA The letters "CA" represents the number of semester credit hour of the course.

UDC Load Units

This Ph.D. program has as admission requirement an master's program.

Program Outcomes

Justification

Today's society lives in a world with unprecedented challenges in all spheres of human life, such as the exponential advance of technology, the increasingly frequent changes in economic cycles, climate change and the scarcity of natural resources, the growing inequality in income, the aging of the population and the increase in urban concentrations. These challenges directly or indirectly affect all types of organizations, both public and private, as well as the field of business. The reviewed program of the Doctoral program in Administrative Sciences, (DCA in Spanish), has as its main purpose to train complete research leaders who generate value through the generation of state-of-the-art applied knowledge in the fields of administrative sciences. This knowledge will contribute to the design of effective decisions for organizations, based on critical thinking and human sense.

In this way and aligned with the vision of Tecnológico de Monterrey, we seek that the leaders graduated from our program achieve this goal by generating the best knowledge that solves today's problems with a global vision, that are sustainable, and attached to ethical principles.

Target Audience

This Doctoral program is designed for professionals in the areas of management, administration and social sciences related to organizations, interested in conducting high impact applied research, to contribute to the knowledge of some of the areas of specialty of Administrative Sciences. Students entering this program must have excellent academic background both undergraduate and postgraduate, talented in the generation of knowledge, fluency of oral and written communication, fluent English language, that work professionally under strict ethical standards, and are open to new ways of assimilation of knowledge and professional practice and are curious intellectually.

Program Objective

The Doctoral program in Administrative Sciences of EGADE Business School has a strong commitment to improve knowledge in administrative sciences. In line with the research strategy of Tecnológico de Monterrey "Research that transforms lives", the doctoral program offers to those with a great curiosity for science, generating ideas and in search of intellectual challenges, the opportunity to conduct quality research and impact in an applied way to transform the organizations of the country.

Our Doctoral program is strongly aligned with the EGADE Business School strategy by incorporating the five pillars and supporting their design, structure and delivery in the differentiators mentioned above. Additionally, to fulfill the vision towards 2030, one of the differentiators focuses on "research, innovation and entrepreneurship poles", and to achieve this the strategies are:

- Encourage research as a source of opportunities and innovative solutions to the challenges of the planet: create and strengthen research networks that share and develop content that is transferred and applicable to entrepreneurship.

- Develop an open community of entrepreneurs and researchers that generate economic, social and environmental value in a diverse and inclusive environment: Promote plurality and open discussion to generate innovative ideas**.**

Learning Outcomes

The Doctoral Program in Administrative Sciences trains professionals that are able to:

● Develop theoretical and empirical models typical of administrative sciences to generate applied research projects, based on original critical knowledge.

● Publish research products in different high-quality academic media.

● Develop research projects aimed at transforming organizations with ethical awareness and social responsibility.

● Generate effective collaborative environments in high-level research and teaching groups in higher education institutions.

Graduates of the Doctoral program in Administrative Sciences will have the ability to perform professionally in the field of research and teaching. Our graduates historically work mostly (86%) in higher education institutions in the country, 4% in foreign higher education institutions and 10% in private initiative but strongly linked to education as teachers.

Admission profile

The potential student interested in entering the doctoral program must have excellent academic background and have a research aptitude in one of the fields of knowledge promoted by the doctoral program. The admission process is designed to ensure the above, emphasizing the need to have the skills and potential for research. During the admission process the program Director makes a diagnosis about the student's financial needs and the field of his research. All of the above with the purpose of raising the chances of successful admission and approval of the research line. Summarized and schematic, these are the main elements of the income profile:

Competencies: Demonstrate being a person with a focus on applied research and interested in the development of science.

Knowledge: Present evidence of previous knowledge of administrative sciences through academic performance embodied in either their previous studies (undergraduate or postgraduate) or relevant experience, and through a solid research proposal.

Skills: Present evidence of observation and information search skills through a solid research proposal.

Attitudes: Present evidence that demonstrates the ability to research collaboratively with other candidates and professors through their previous research experiences.

Values: Solid human values to develop science in a responsible and ethical way.

Program admission requirements (admission profile).

The proposed EGADE DCA program is aimed at professionals who seek to expand their scientific research competencies for capacity development that allows them to work primarily in higher education institutions such as research professors. The additional admission requirements to work experience are an average higher than 85/100 or equivalent during undergraduate and graduate studies, and a minimum score of 600 on the PAEP and TOEFL exams. For those candidates who opt for academic scholarships they must have a cumulative average in their studies of the previous level, equal to or greater than 90/100 or its equivalent

Candidates must demonstrate a series of competences prior to entering the program, such as leadership, integrity and communication, which are demonstrated through their work history and social impact. Finally, candidates to enter the program must have a proactive attitude to the development of academic work and willingness to interact in higher education environments, respect for the institution, the authorities and the community in general is required.

In relation to the previous preparation of the candidates, it is requested to have successfully completed their bachelor's degrees in any area of knowledge and their postgraduate studies (master's degree) where graduates are privileged in business programs.

The requirements for admission to the DCA program are summarized below:

• Professional career and master's degree concluded with the presentation of the degree, professional certificate and certificate of studies, with a minimum average of 8.5 or its equivalent if the degree is from abroad.

• PAEP exam or its equivalent (GMAT / GRE) with 600 points.

• TOEFL exam or its equivalent with 600 points.

• 3 letters of academic recommendation.

• 1 essay.

• 1 research proposal.

• Interview with the program director and / or the leaders of the research groups.

For the admission process, the application of the Admission Test to Postgraduate Studies (PAEP) is of great value since it allows to identify the strengths of those interested in the DCA in the following skills:

• Verbal and written communication

• Logical-mathematical ability

• Cognitive ability

• English language proficiency

The selection of candidates is carried out through a holistic admissions process, where the results of the PAEP / TOEFL make it possible to identify the quantitative skills of the candidate.

Additionally, thanks to a thorough analysis of each candidate's academic and professional history by an admissions committee and an in-depth interview, the correct identification of the candidate is ensured. Finally, the final decision lies with the research

groups who identify through the candidate's research proposals, that they are perfectly aligned with those of the group itself.

Campus that offer this program

Campus	Number of periods offered	From	Closed for new students
Sede EGADE Monterrey	Complete	Semester Aug - Dec 2020	
Sede EGADE Santa Fe	Complete	Semester Aug - Dec 2020	

Last update: 11/October/2019

Graduate Requirements

To obtain a specialty degree, a master's degree or Ph. D. degree at Tecnológico de Monterrey, students are required to:

1. Have completely finished the undergraduate cycle prior to passing the first course in the curriculum of the specialty, master program, medical residency, or doctoral program.

2. Have fulfilled, in compliance with existing standards, the academic prerequisites of the corresponding program, through proficiency tests or the corresponding remedial courses.

3. Have obtained a bachelor degree--with the antecedent of high school or its equivalent—that is equivalent to those offered by Tecnológico de Monterrey.

4. Have covered all the courses in the given curriculum, either by passing the courses at Tecnológico de Monterrey or by obtaining revalidation or equivalence agreements—in compliance with the standards-- corresponding to part of the courses taken at other institutions, and passed the remaining courses at Tecnológico de Monterrey. Courses taken at foreign universities with which there are agreements are considered, for the effects of this article, as courses taken at Tecnológico de Monterrey, as long as they do not exceed a set percentage of the curriculum established by each graduate program.

5. In those curricula that so specify, to have prepared a research project or thesis that, having been defended before an academic committee, has been approved by said committee.

6. Have taken at least the equivalent of the second half of the corresponding curriculum at Tecnológico de Monterrey , in the case of students with revalidation or equivalence agreements at this level. Flexibility may be exercised in this standard in graduate programs that, under agreement, may be established jointly with other universities.

7. Have published (or have evidence of acceptance for publication in its final version), of at least one scientific paper on a topic related to their thesis research project in a journal classified in the first or second quartile in the study area and corresponding Scopus category, or in peer reviewed journals of equivalent quality to Scopus in the discipline, where the student is the author.

For this publication, it is essential that the student is the first author; therefore, if the article is co-authored with other students, it should only be used once for graduation purposes and only by the student who appears first in the list of authors.