



PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE
College of Engineering

Electrical Engineering, C.Engr. of Ind.

I. Program Educational Objectives:

Students finishing successfully the program requirements obtain a Professional Title, which requires the Licenciante Degree, and a diploma in Electrical Engineering. The study program is then comprised of an Engineering of Industry portion and a Electrical Engineering portion.

The Program Educational Objectives for Civil Engineering of Industry¹ with a diploma in Electrical Engineering are:

1. Our graduates will excel in the professional field of Operational Research, Economic Modeling and Organizational Behavior, on the basis of a deep knowledge and understanding of Industrial Engineering fundamentals and principles.
2. Our graduates will develop technological innovation projects in Chile and/or abroad, generating solutions to complex systems problems.
3. Our graduates will demonstrate a critical spirit on their performance allowing them to grow through professional and/or postgraduate studies in Industrial and Electrical Engineering fields.
4. Our graduates will have the attributes and aptitudes necessary for professional practice in Electrical and/or Electronic Engineering, including specialization areas such as: Robotics and Automation, Electrical Energy, Signal Processing, Telecommunications, Astronomical Instrumentation and Electronics.
5. Our graduates will demonstrate abilities to analyze and understand the relation between technology and organizations, applying engineering methodologies in order to improve the management of both of them; conducting under personal and professional ethic criteria and seeking to serve the society.
6. Our graduates will be global collaborators, participating in interdisciplinary and culturally diverse teams, and advancing in leadership positions in the profession.

¹ In Chile, the term “Civil Engineering” is also used for the 5-to-6 year engineering programs aiming to a professional title. Therefore “Civil Engineering of Industry” refer to the “Industrial Engineering” given in USA.



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II. Student Admissions:

Students are initially admitted to a common study program that is the same for any engineering area. As student progress in time, programs differentiate according the engineering area.

Student Admission*	
Year	N° Students
2011	543
2012	553
2013	716
2014	732
2015	719
2016	726
2017	732
2018	740
2019	772

*Regular Admission (PSU) and Special Admission (PSU Process).

III. Program Enrollment:

The official enrollment in the program occurs once the student has obtained its Licenciante degree (before obtaining the Licenciante degree, they must manifest their preference in our Intranet information system (Siding)).

C2009: 2012 cohort or earlier	
Status	N° Students
<i>Common Program and no preference registered</i>	2
<i>Students that declared their preference for the program</i>	0
<i>Enrolled Students</i>	12

There still 2 students from the 2012 cohort or earlier that are enrolled in the common study program and that have not declared a preference yet, so the numbers above could increase based on their future program declarations.



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C2013	
Status	N° Students
<i>Enrolled Students, cohort 2013</i>	14
<i>Enrolled Students, cohort 2014</i>	28
<i>Enrolled Students, cohort 2015</i>	16

There are still 25 students from the 2013 cohort; 79 from the cohort 2014 and 169 from the cohort 2015 that are enrolled in the common study program and that have not declared a preference yet, so the numbers above could increase based on their future program enrollments.

IV. Professional Title:

The numbers below are for the annual commencement ceremony, on November of each year.

PROFESSIONAL TITLE	
YEAR	N° Students
2011	29
2012	42
2013	37
2014	48
2015	40
2016	37
2017	43
2018	23
Total	299