



PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE  
College of Engineering

### **Mechanical Engineering, C.Engr. of Ind.**

#### **I. Program Educational Objectives:**

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

The Program Educational Objectives for Civil Engineering of Industry<sup>1</sup> and the diploma in Mechanical Engineering are:

1. Our graduates will perform in the professional fields of Operational Research, Economic Modeling and Organizational Behavior in exemplary manner, on the basis of a deep understanding of Industrial Engineering principles.
2. Our graduates will demonstrate a self-critical spirit on their job performance allowing them to enrich themselves through professional and/or postgraduate studies in engineering fields.
3. Our graduates will excel in the professional field of Mechanical Engineering, on the basis of specialization in area such as: mechanical systems, energy systems, design for manufacture, and reliable material selection.
4. Our graduates will promote the creation of companies and innovate in broad areas of Mechanical and Industrial Engineering, being capable to identify new products, processes or services opportunities and to adapt them society needs.
5. Our graduates will collaborate and participate in interdisciplinary and intercultural teams, and advancing in leadership positions in the profession.

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<sup>1</sup> 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>	9
<i>Enrolled Students</i>	17

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>	50
<i>Enrolled Students, cohort 2014</i>	47
<i>Enrolled Students, cohort 2015</i>	38

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	45
2012	68
2013	71
2014	39
2015	38
2016	60
2017	48
2018	42
Total	411