



PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE  
College of Engineering

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

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

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

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

1. Our graduates will have the attributes and aptitudes to 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 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 job performance allowing them to seek development through professional and/or postgraduate studies in chemical or industrial Engineering fields.
4. Our graduates will advance in leadership positions in the Chemical Engineering practice such as: unit operations, design of chemical process, process control, chemical reactor design and such.
5. Our graduates will collaborate in interdisciplinary and culturally diverse teams
6. Our graduates will pursue a positive impact on their communities, the nation, and society as a whole.

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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 Licenciata degree (before obtaining the Licenciata 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>	3
<i>Enrolled Students</i>	3

There are 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.



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C2013	
Status	N° Students
<i>Enrolled Students, cohort 2013</i>	10
<i>Enrolled Students, cohort 2014</i>	27
<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	27
2012	33
2013	41
2014	23
2015	25
2016	12
2017	14
2018	14
Total	189