



PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE
College of Engineering

Major in Software Engineering

I. Program Educational Objectives:

Students finishing successfully the program requirements, obtain the Bachelor of Science in Engineering, with Major in Software Engineering.

The Program Educational Objectives for the Software Engineering (B.Sc.Eng.) are the following:

1. Our graduates will perform in the professional fields of Software Engineering in an exemplary manner, demonstrating a deep knowledge of engineering fundamentals and principles.
2. Our graduates will develop innovative technological projects in Chile and/or abroad, generating efficient solutions to complex systems problems.
3. Our graduates will demonstrate a self-critical spirit, allowing them to enrich their performance through professional and/or postgraduate studies.
4. Our graduates will be global collaborators, participating in interdisciplinary and culturally diverse teams, and advancing in leadership positions in the society.
5. Our graduates will permanently seek a positive economic, social, and environmental impact on their communities, the nation, and society as a whole.

*PEOs approved by all constituents of the SE Program.
Final promulgation by SE Program Committee on 2023.*



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II. Student Outcomes:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.



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III. 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 |
| 2020 | 808 |
| 2021 | 827 |
| 2022 | 844 |
| 2023 | 811 |
| 2024 | 819 |
| 2025 | 811 |
| 2026 | 820 |

*Regular Admission (PAES) and Special Admission.

IV. Program enrollment and degree data:

| ACADEMIC YEAR | ENROLLMENT YEAR | | | | | UNDERGRAD PER COHORT | | | | | | | | | | TOTAL UNDERGRAD |
|----------------------|------------------------|---------------|------------|------------|-------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|
| | 1st(a) | 2nd(b) | 3rd | 4th | 5th+ | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | |
| 2025 | 23 | 64 | 83 | 119 | 134 | 1 | 0 | 0 | 2 | 1 | 11 | 11 | 48 | 55 | 10 | 139 |
| 2024 | 45 | 87 | 135 | 130 | 168 | 0 | 0 | 0 | 1 | 5 | 12 | 47 | 55 | 5 | | 125 |
| 2023 | 67 | 132 | 138 | 151 | 167 | 0 | 0 | 1 | 3 | 3 | 31 | 26 | 8 | | | 72 |
| 2022 | 69 | 105 | 138 | 121 | 176 | 0 | 0 | 1 | 14 | 22 | 25 | 1 | | | | 63 |
| 2021 | 22 | 83 | 100 | 95 | 111 | 1 | 0 | 5 | 13 | 27 | 5 | | | | | 51 |
| 2020 | 43 | | | | | 0 | 0 | 2 | 4 | | | | | | | 6 |

Last update April 10th, 2026.

(a) First-year students declare their preference for Major during the first semester.

(b) Second year students formally enroll Major during the first semester.