New Zealand/Australia/US/Canada/South Africa Embassy Argentina Future Engineering Leaders Scholarship (FELS) English Language Immersion Program for Undergraduate Students APPLICATION FOR ADMISSION

The Future Engineering Leaders Scholarship (FELS) is a joint effort from different countries to offer scholarships to undergraduate engineering students whose native language is other than English. It is an opportunity for students to take part in an immersion English program that aims at developing both the English language and skills such as critical thinking, teamwork, leadership and cultural awareness.

The special characteristic about the FELS is that students apply for it in pairs or in groups of three. Since this scholarship is aimed at developing basic engineering skills, students are asked to develop a project based on an engineering topic to be pre-selected. Details about this project are provided below in the section "Project Proposal". Although most of this form is completed individually, the section about the project has to be developed by all the members of the team together.

The students who are pre-selected will have to turn in an individual video about their life, preferences, expectations, among other aspects (i.e. the components of the elements in the first part of the present form). As well as this, all the members of the group will have to deliver the presentation of the project to the committee. The winners of the scholarships will be announced at a later date.

The students who are admitted into the program will visit a country of their choice and will spend two months at a University taking the English for Specific Purposes course and the 21st Century Engineering Skills course specially designed for these students. Although the costs of tuition and accommodation are covered, the students will have to pay for their plane ticket.

PART 1: Personal Background (Individual Form)

a) Members of the team

Full name (first, last and m.i.): Tomás Balaudo

Country of Choice: Australia

b) Personal information

<u>Full name (first, last and m.i.):</u> Tomás Balaudo <u>Date and place of birth:</u> January 26, 2001. Humberto Primo. <u>Nationality (only Argentine nationals can apply):</u> Argentine <u>I.D. (DNI):</u> 43009048 <u>Passport No. (if you have one):</u> I do not have a passport. <u>Address (street and number, apartment unit number, city, province and ZIP code):</u> 226 Dean Funes st. ,Santa Fe, 3000. <u>Telephone (indicate prefix if located outside Buenos Aires):</u> I do not have a landline. <u>Cell phone (indicate prefix if located outside Buenos Aires):</u> 3584125498 <u>E-mail:</u> tomasbalaudo@gmail.com

Narration of your Personal Information

I am Tomas Balaudo. I was born on 26th January ,2001, in Humberto Primo, so I am Argentinian. My ID is 43009048 and I do not have a passport. I live in Santa Fe and my address is 266 Dean Funes st. Moreover, you can send an email to tomasbalaudo@gmail.com or call me at 3584125498.

c) Academic and professional background

<u>University studies:</u> Electronics engineering <u>Overall Grade Point Average (GPA):</u> B+ <u>University institution:</u> UTN FRP <u>Expected graduation date:</u> 5/11/2025

Scholarships: I do not have scholarships

<u>Awards or recognitions:</u> I do not have awards or recognitions.

<u>Career-related job experience:</u> Not yet.

<u>Special interests</u> (hobbies, sports, music, arts): Tennis, paddle and music, specially rock.

Are you a member of an NGO, club or association? No, I am not.

English proficiency: Please mark with an "X" your level of English.

Reading:PoorFairGood xVery GoodExcellent
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Speaking:	Poor	Fair x	Good	Very Good	Excellent
Writing:	Poor	Fair	Good x	Very Good	Excellent

If you hold any English level certificate (test score of TOEFL, IELTS, CELT, First Certificate, Proficiency, any other Cambridge exam or a certificate from institution where you studied saying how many years, how many hours per week and at what level), please attach. If you are pre-selected your English will be evaluated by telephone.

Narration of your Academic and Professional background

I am currently in the second year of my career path, Electronics Engineering. Before this, I studied for 6 years in a technical high school where I became an electromechanical technician. During those 6 years I learned to use different machines and I was part of several projects, usually in electronics projects.

Although I do not have any career-related job experience, in 2019 I did an internship at Richiger SA, an agricultural machinery company. There I learned how companies organize their work, especially work related to mechanical parts. I also learned about the manufacturing processes of these parts.

Currently I do not have any scholarship. However, I really want to win this one since this will give me the possibility of learning English. Furthermore, English is a great tool to use more educational resources to improve my studies and professional future.

d) A day in the life of a UTN student: Tell the Committee about your daily routine, making sure you highlight those aspects that make you special.

I get up at eight o'clock and later I have breakfast. I do not have classes in the morning, so I spend this time studying and doing different activities such as playing tennis or running. I have lunch at half past twelve. If I can, I take a short siesta. After this, I have lessons, when they finish I have a break.

In my free time, I design parts for 3d printing. I usually do it as a hobby, with the purpose of improving my 3D design skills and having a higher print quality. As well, I sometimes research about IoT (the Internet of Things) to develop automation projects.

I have dinner at half past nine. Later I have a shower and brush my teeth. Before I go to sleep, if I do not have any assignment, I play some PC games. When I am sleepy, I go to sleep.

e) Knowing about your life story is important for the Selection Committee. Narrate your biography, highlighting those aspects that make you a unique person.

I was born on 26th January 2001 in Argentina. I live in Humberto Primo, Santa Fe with my parents. I have always lived in the same place.

When I was a child, I played in the local soccer team. There I met my first friends. A great milestone for our team was finishing third in a national tournament. In elementary school I participated in a science fair. I built a robotic arm which worked with syringes with my partners. We received an award for it. Projects like these made me like to know how things work. That is why I went to a technical high school.

In the technical school I learned to use various machines, but I was more interested in electronics. During these school years I was able to learn a lot, but I focused on CNC (computer numerical control), electronics, design and 3D printing. Some of my milestones during these years are: I got the best average of my course in 5 of the 6 years. In 2019 I made my own 3D printer. I bought the components and did the electronics configuration. In 2020 I manufactured a remote control for an overhead crane. For that I used electronics, programming and 3D printing.

Regarding my university studies, I am currently in the second year of electronics engineering and when I finish it, I want to be able to analyze a problem and find a solution with the knowledge that an engineer has. And of course, I always try to keep learning.

F) Why have you chosen for the immersion program? Write a text about what you know or interests you about this country .

I chose Australia for various reasons. It is a country where new technologies do not take long to arrive and this allows me to be at the forefront to develop projects during my scholarship. Moreover, there are very beautiful cities to visit. Australia has an excellent education system, so I think I could easily adapt to it and enhance my knowledge.

f) What are your plans for the future?

For my future, I want to study in Argentina to be an excellent professional. With this knowledge, I am going to start working on a project to develop engineering solutions to everyday problems that Argentinian citizens have.

What kind of problems? For example, security. I am going to design one app for smartphones, where you can watch cameras in your house and call to the police if you see any problems. Moreover, if you have a problem on the street, you can send your location to a phone number just by pushing a button.

g) Please, describe in not more than 500 words, why you would like to take this course and how you think it will help you both personally and professionally.

I want to take this course because I always want to be better, learn and meet people like me. I have never had a scholarship and I think this is an incredible opportunity for me, I will know about the Australian culture, make who share my passion about electronics and learn about them.

With this course I will get more knowledge, I will share it with my environment in Argentina to find solutions to the citizens' problems. After the scholarship, I will be able to communicate properly with other foreign colleagues to do projects together.