



## **SAN JOSÉ - DUBLIN SISTER CITY PROGRAMME EXCHANGE SCHOLARSHIP**

### **Guide for Applicants**

As part of the San José - Dublin Sister City Exchange Programme, Dublin City University (DCU) is now inviting applications for its **2019-20 San José - Dublin Sister City Programme Exchange Scholarship**. The generous scholarship, for a full-time DCU taught masters programme (DC883 MEng in Electronic and Computer Engineering), is open to academically strong candidates with a background in Electronic/Electrical/Computer Engineering, Applied Physics, Computer Science or other Engineering discipline. Applications are invited from graduates/prospective 2019 graduates from all Dublin higher education institutions, as well as those who may have registered/will register for the February 2019 intake of the MEng in Electronic and Computer Engineering in DCU (having graduated from any Dublin higher education institution).

The scholarship is undertaken in partnership with San José State University (SJSU), and a Silicon Valley-based company, leading to an experience and an award that are both international and industry-relevant. DCU encourages engagement with enterprise through academic programmes at all levels, and undertaking the project in industry is very much in line with this emphasis.

#### **The Programme:**

Under the terms of the scholarship the successful candidate will register in DCU, undertake some modules in SJSU, and undertake a project during an internship in a US company based in San José.

More detailed information on the MEng in Electronic and Computer Engineering (the programme is at the highest European Master's degree level) is available from <http://ece.eeng.dcu.ie/postgraduate/meng-electronic-and-computer-engineering/> or <https://www.dcu.ie/courses/Postgraduate/electronics/MEng-Electronic-Systems.shtml>

Modules taken in SJSU will be chosen in consultation with the DCU Programme Chairperson to closely match learning outcomes required, and support learning relevant to the project. The project is a major part of the taught master's award. It

provides an opportunity to develop research skills, allows students to put theoretical knowledge of engineering to use in a practical way, and is focused on documenting outputs at the standard of a research publication.

**Eligibility:**

The candidate will:

- Have a 2.2 honours degree (Level 8) or higher in Electronic/Electrical/Computer Engineering, Applied Physics, Computer Science or other Engineering discipline, from a Dublin higher education institution.
- Satisfy the entry requirements and register for the 2019-20 (full-time) taught MEng in Electronic and Computer Engineering in DCU.\*
- Be willing and confident to act in an ambassadorial role for the city of Dublin.
- Be willing to engage in San José - Dublin Sister City Programme events and publicity as requested.
- Satisfy visa entry requirements of the United States of America.

The scholarship will be awarded on a competitive basis with academic track record and other supporting information being considered.

\*Students who have registered/will register on the MEng in Electronic and Computer Engineering in DCU in February 2019 are eligible to apply and must register full-time for this programme in September 2019. In the case where the first registration was February 2019, the scholarship structure is adjusted. A full-time student who started in February 2019 will not take DCU modules from October to December 2019 nor will they receive a stipend for these 3 months – they will commence the scholarship in January 2020. If a self-funded student from the February 2019 intake is successful in the competition, their fees will be reimbursed at the start of the 2019-20 academic year.

**Scholarship Value and Benefits:**

The scholarship is valued at over US\$50,000 and covers tuition fees in DCU and SJSU, a stipend while in Dublin\*, book expenses, meals, accommodation and an allowance while in the SJSU, as well as the international airfare.

The company supports students with an internship salary for the 3 ½ months they are on internship.

Terms & Conditions apply to the scholarship.

**Schedule:**

The San José - Dublin Sister City Exchange Scholarship uses a full-time taught master's model over 12 months. It incorporates an academic curriculum across two academic institutions and an internship to facilitate industrial collaboration on the master's project.



Academic Year 2019-20		
<b>SEMESTER 1</b> Oct – Dec 2019 <b>DCU</b> <i>(not applicable to a full-time student from the February 2019 intake)</i>	<b>SEMESTER 2</b> Jan – May 2020 <b>SJSU</b>	<b>SUMMER INTERNSHIP</b> June – Sept 2020 <b>Company</b>
Modules (30 credits) + planning of US activities  (a)	Typically 3 training courses (9 US credits) + company-based practical experience  (b)	Research internship at US Company to undertake & write-up project  (c)

The three components of the model are:

- October to December: semester course work at DCU (30 credits), as per the MEng in Electronic and Computer Engineering programme\*
- January to May: semester course work/company-based practical experience in San José
- June to September: full-time research internship at sponsoring company in the USA.

The order in which the components are taken cannot be changed.

*Note on academic award:* A Master's Degree will be awarded by **DCU** on successful completion of all elements, and the student will be subject to all the same programme regulations and Marks and Standards as apply to all students on the DCU MEng in Electronic and Computer Engineering programme.

### Enquiries:

Enquiries relating to the scholarship scheme can be addressed to: [graduatestudiesoffice@dcu.ie](mailto:graduatestudiesoffice@dcu.ie)

Enquiries relating to the **MEng in Electronic and Computer Engineering** programme can be directed to:

Jennifer Bruton, School of Electronic Engineering, DCU: [jennifer.bruton@dcu.ie](mailto:jennifer.bruton@dcu.ie)

### Application:

Full details of the scholarship and the application form are available on the DCU website at: [www.dcu.ie/graduatestudies/scholarships-opportunities.shtml](http://www.dcu.ie/graduatestudies/scholarships-opportunities.shtml)

Applications must be submitted in soft copy (one single PDF file\*\*) to [graduatestudiesoffice@dcu.ie](mailto:graduatestudiesoffice@dcu.ie) no later than **12 NOON THURSDAY 18<sup>TH</sup> APRIL 2019**.

*\*\*The file should be named: surname\_firstname\_SanJose 2019.pdf and please clearly indicate "San Jose - Dublin application" in the subject line of the email.*