



School of Mathematics and Physics Quantum and Advanced Technologies Honours Scholarship

(Established in 2025 by the Department of Environment, Science and Innovation (DESI) through the Quantum and Advanced Technologies Talent Building program. This scholarship will be administered in the School of Mathematics and Physics, Faculty of Science at The University of Queensland).

1. Purpose

The purpose of the scholarship is to support Honours students to undertake research in areas of quantum and advanced technologies with an aim to build a pipeline of early career researchers and increase representation of those who identify as women, are non-binary, are of Aboriginal and Torres Strait Islander descent, or are from regional areas.

2. Definitions

In these rules:

Associate Dean (Academic) means the Associate Dean (Academic), Faculty of Science.

Head means the Head of School, School of Mathematics and Physics.

Approved program means the Bachelor of Science (Honours) or Bachelor of Advanced Science (Honours)

Field of study means the area of research in quantum or compound semi-conductors, or superconductors, or photonics, or micro-electromechanical systems.

Scholarship means the School of Mathematics and Physics Quantum and Advanced Technologies Honours Scholarship.

Translation and development allowance means an allowance that covers training and career development activities in Australia with a focus on building skills in research commercialisation

Travel allowance means an allowance that covers expenses associated with travel to attend conferences or visit research institution or industry partner, including accommodation, meals and incidental costs related to travel.

Carer's assistance package means funding to support students with caring responsibilities to attend conferences or visit relevant industry or research venue.

3. Award and Value of Scholarship

(1) Up to 23 scholarships can be awarded over a three year period on the recommendation of the Head of School in consultation with the selection committee.

(2) The selection committee will aim to award 50% of the scholarships to successful candidates who identify as women, non-binary, Aboriginal and Torres Strait Islander persons and/or those who identify as being from a regional, rural or remote background.

(3) The value of a scholarship is \$10,000 with additional value-add components. Successful recipients of the scholarship can apply for additional value-add support on the recommendation of their honours supervisor and with the endorsement of the Head of School. Available value-add support includes:

- \$5,000 allowance for research translation or further development
- \$5,000 for relevant travel
- \$5,000 carer's assistance package to assist with students with caring responsibilities when these overlap with their Honours projects (e.g. to allow students to attend conferences or visit relevant industry or research venues).

a. Eligibility for Award

An applicant is eligible for the scholarship, if the applicant:

- (a) submits an application to the Head, by the closing date for applications; and
- (b) intends to enrol or is enrolled in the approved Honours program in the relevant field of study; and
- (c) is an international or domestic student in accordance with The University's Fee Policy.

b. Selection Process

(1) For the selection process, the Head must establish a selection committee, comprising:

- (a) Head or delegate as the Chair of the selection committee
- (b) at least two academics or program directors in the relevant field at the School of Mathematics and Physics
- (c) at least one academic, including early career researchers, or staff member to represent groups of students who identify as women, non-binary, are from rural, remote and regional areas, or are of Aboriginal and Torres Strait Islander descent.

(2) The Scholarship is awarded to the applicant on the basis of:

- (a) their proposed research project, travel plans and research development goals in one of the relevant fields: quantum; compound semi-conductors; superconductors; photonics; or micro-electromechanical systems
- (b) the strength of their personal statement outlining why the applicant deserves the scholarship
- (c) any other matter that the selection committee considers to be relevant to the applicant's success
- (d) given the number of scholarships available, all students who meet the selection criteria will receive scholarships. As the number of available scholarships diminishes, potential awardees will be ranked by the selection committee, with the highest ranking to receive the scholarships available, as approved by the Associate Dean (Academic). Preference will be given to students who identify as women, are non-binary, are of Aboriginal and Torres Strait Islander descent, or are from rural, remote and regional areas.

c. Conditions for Scholarship

(1) The recipient may hold the Scholarship for up to one year of the Approved Program (FTE), subject to the recipient:

- (a) continuing to be enrolled full or part-time in the Program, unless otherwise exempted by the Head; and
- (b) maintains Satisfactory academic progress for each semester of study in which the recipient holds the Scholarship; and
- (c) resuming study after an approved interruption of up to 1 year, as approved by the Head; and
- (d) being eligible to continue to hold a student visa, applicable to international students.

For successful eligible commencing students, the scholarship may be awarded on a provisional basis of receiving the university program offer. Once the student has accepted the offer and is enrolled in the Approved program in the relevant field, the recipient may continue to hold the scholarship subject to rule 3(c)(1).

(2) If the recipient fails to satisfy rule 3(c)(1), the student must show cause to the Associate Dean (Academic) why the Scholarship should not be cancelled.