

Application guide: 2025 Outstanding Senior STEM Student Awards

In this guide, you will find information to assist you with your application for a **Peter Doherty Outstanding Senior STEM Student Award**. Please read through this information carefully and complete the application checklist on page 4 before submitting your application.

Eligibility requirements

To be eligible to receive a **Peter Doherty Outstanding Senior STEM Student Award**, you must:

- have completed Year 11 in a Queensland state or non-state school;
- have attained an A standard of achievement or equivalent in at least two Queensland Curriculum and Assessment Authority (QCAA) or other approved curriculum science, technology, engineering or mathematics General subjects in Year 11;
- be currently enrolled in at least two Year 12 QCAA or other approved curriculum science, mathematics, engineering or technology General subjects in a Queensland state or non-state school; and
- not have previously received a Peter Doherty Award.

A list of award-eligible General subjects can be found on page 3.

Applicants can nominate themselves or be nominated.

If the applicant is nominated by another person, the applicant must:

- agree to the nomination,
- provide the nominator with the necessary information so they can address all selection criteria; and
- each application must be endorsed by the Principal.

How to apply

Once you have determined that you are eligible to apply for the award, you will then need to:

- write a statement of no more than 1,000 words in support of your application that responds to the selection criteria outlined on page 2;
- have the details of two referees who will agree to endorse your application. The referees may be asked to provide more information about aspects of your written statement;
- complete the third party consent form regarding the use and storage of personal information and entries on the Entrant Portal. If you are under 18 years of age, your form must be signed by your parent or guardian;
- have the Principal's verification of results and enrolment form completed by your school principal to verify your Year 11 results and your Year 12 enrolment; and
- click on the [Entrant Portal](#) to create an account and submit via upload:
 - your application,
 - details of two referees;
 - your signed third party consent form;
 - each application must be endorsed by the Principal; and

- Principal's verification of results and enrolment form.

All forms should be completed electronically and submitted with your written statement.

Written statement

Your written statement provides you with an opportunity to tell us about yourself, your achievements and interests in STEM, and why you should receive a **Peter Doherty Outstanding Senior STEM Student Award**.

Your statement should be no more than 1,000 words and should clearly respond to the selection criteria outlined in the table below. A selection panel will use these criteria to assess your application. Please note the selection panel will not assess statements beyond 1,000 words.

When writing your response, make sure you are succinct — consider using dot points where appropriate to summarise — and give examples of your achievements and experiences in STEM. You should also include data to support the claims you make in your statement, for example the award level in a competition, research location and time commitment, university name, number of local forums and names.

Selection criteria: Outstanding Senior STEM Student Award

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| The applicant: |
| <ul style="list-style-type: none"> • Demonstrates a commitment to deep learning in STEM that goes beyond school curriculum requirements |
| <p>This criterion is demonstrated through evidence of:</p> <ul style="list-style-type: none"> - a commitment to participating in school and wider community STEM events and activities (including those online), reflecting a strong passion for any STEM subject; - involvement in STEM extracurricular activities (forums, events, activities including those online) as a participant, initiator, leader or invited guest; - a depth of learning undertaken in one or more STEM fields (examples could include research undertaken, work experience completed, STEM competition participation and achievement, STEM forum participation, ambassador roles for STEM events and volunteer work); and/or - excellence in STEM (examples could include outstanding achievement in STEM, recognition of scientific work by school partner organisations, selection to participate in camps and forums, awards for excellence in science or technology or engineering or mathematics). |
| <ul style="list-style-type: none"> • Exhibits a well-developed plan to pursue a STEM pathway beyond school |
| <p>This criterion is demonstrated through evidence of:</p> <ul style="list-style-type: none"> - details of the university STEM pathway that the applicant plans to pursue; - understanding of both the requirements of the pathway and the prerequisite steps needed to reach the goal; - clear and concise reason for selecting this pathway, such as a specific career goal, a general enjoyment of STEM or the influence of school and/or teachers (if applicable) on the decision-making process; - how participation in STEM-related activities inspired the applicant into further STEM studies and action in the community (e.g. advocacy, tutoring, mentoring, organising activities); and/or - demonstrated work ethic required to achieve the desired goals (examples could include previous achievements and actions, work experience and voluntary work). |

More about the awards

Award-eligible General subjects

Below is a list of award-eligible science, technology, engineering and mathematics subjects. You need to have attained an A standard of achievement or equivalent in at least two of these subjects in Year 11, as well as be currently enrolled in at least two of these subjects in Year 12. Equivalent IB Program or other approved curriculum science, technology, engineering and mathematics subjects will also be accepted.

- Agricultural Science
- Aerospace Systems
- Biology
- Chemistry
- Design
- Digital Solutions
- Earth and Environmental Science
- Engineering
- Food and Nutrition
- Marine Science
- General Mathematics
- Mathematical Methods
- Specialist Mathematics
- Physics
- Psychology

(Source: QCAA General Subjects <https://www.qcaa.qld.edu.au/senior/senior-subjects>)

How the award is to be used

The **Peter Doherty Outstanding Senior STEM Student Award** is to be used to:

- undertake activities associated with tertiary science, technology, engineering and/or mathematics (STEM) courses;
- attend conferences, forums or events that will extend your experiences in STEM;
- purchase equipment that can assist your learning and development in STEM (equipment purchased remains your property and responsibility); and/or
- undertake research projects, including experience in a research laboratory.

Award ceremony

Recipients of the **Peter Doherty Outstanding Senior STEM Student Award** will be invited to attend the August awards presentation ceremony in Brisbane. It is anticipated that successful applicants will attend the awards ceremony.

If required, travel and accommodation expenses for **Outstanding Senior STEM Student Award** recipients will be paid by the Department of Education. Travel and accommodation expenses will also be paid for two adults accompanying the student, if required.

Application checklist

Before submitting your application, please ensure that you have:

- read carefully through the application guide;
- checked that you meet the eligibility requirements for the award;
- written a statement of no more than 1,000 words that clearly responds to the award selection criteria;
- details of two referees;
- completed the third party consent form;
- each application must be endorsed by the Principal; and
- your Principal's verification of results and enrolment form.

Once you have completed all items on this checklist, click on the [Entrant Portal](#) to create an account and submit your application.

All forms should be completed electronically and submitted with your written statement.

Further information

If you would like further information or if you have any questions about the Peter Doherty Awards for Excellence in STEM Education, please email peterdohertyawards@qed.qld.gov.au.