



Australia Awards

# Australia Awards PNG Short Course Award Graduate Certificate in Science, Technology, Engineering and Mathematic (STEM) Education

Australia Awards is seeking suitable applicants to apply for the Graduate Certificate in Science, Technology, Engineering and Mathematic (STEM) Education short course. The course is targeting employees from the National Department of Education (NDoE) and other education agencies who are in roles where they have responsibility for teaching, designing and implementing STEM Education policies and programs including at the national, sectoral and provincial levels.

Public servants must complete the Australia Awards – PNG Short Course Awards Application Form for Government of Papua New Guinea applicants. Other applicants from the private sector and civil society organisations must complete the Application Form for private sector and civil society applicants. Please note, Australia Awards will facilitate the endorsement process from the Department of Personnel Management.

## Proposed Learning Objectives

Upon completion of the course, participants will be expected to possess:

- Demonstrated understanding of the basic STEM Education taught in Secondary and High Schools in the country
- Demonstrated understanding of the main challenges in STEM Education that face Secondary and High Schools in PNG
- Demonstrated understanding of STEM Curriculum Development and implementation in various Education sectors in PNG
- Demonstrated understanding of development and implementation of Government policies and regulatory frameworks used to address curriculum development challenges
- Demonstrated understanding of the various approaches, policies and mechanisms used in teaching at the global level with a focus on relevance to the Papua New Guinea context
- Demonstrated understanding of STEM Education delivery in Education Institutions in the country

*Please turn over for more information.*







#### To apply for this short course, applicants must:

- Demonstrate direct involvement in STEM Education in your area of work
- Have a minimum of five years professional teaching or curriculum development experience (which could be in Chemistry, Physics, Mathematics, Advanced Mathematics, ICT, Agriculture, Biology, Fine Arts, Design Technology, Science, Applied Science or Engineering)
- Have a bachelor's degree or equivalent and teacher registration
- Have a minimum academic English proficiency level equivalent of IELTS 6.5/TOEFL 575 (shortlisted applicants may be required to undertake a test facilitated by Australia Awards).
- Have a commitment to prepare and implement an innovative work-based project as part of the course requirement
- Engage actively and foster networks with multiple stakeholders, including in Australia, and to disseminate learning from the course with students, colleagues and peers in your respective organisations

The approximate course delivery dates are as follows

- Pre-course workshop (one week, in PNG): January 2020
- Block 1 (six weeks, in Australia): March/ April 2020
- Block 2 (six weeks, in Australia): May/ June 2020
- Post-course workshop (one week, in PNG): July/ August 2020

This is a fully funded scholarship. All course fees, travel, accommodation and perdiems will be provided by Australia Awards PNG.

**Women and people with a disability are encouraged to apply.** Australia Awards is committed to the Gender Equity and Social Inclusion policies of the Government of Papua New Guinea and the Australian Department of Foreign Affairs and Trade.

Australia Awards is a child-safe program. Applicants will be required to complete a police check and provide character and professional references.

#### Applications

Visit our website at [www.australiaawardspng.org](http://www.australiaawardspng.org). Please send the complete application form with your CV and supporting documents to: [stemeducation@australiaawardspng.org](mailto:stemeducation@australiaawardspng.org).

**Applications close 5:00pm on Friday 29 November 2019.**

