

## 2.4 Postgraduate Diploma in Science Education – PGDip (Science Education)

The Postgraduate Diploma in Science Education is a continuous professional development (CPD) qualification to:

1. further strengthen and deepen your knowledge as an educator in an existing specialization in science education, as:
  - a. 1<sup>st</sup> post-initial professional qualification that follows the initial qualification, or as
  - b. 2<sup>nd</sup> or 3<sup>rd</sup> post-initial professional qualification that follows on the Advanced Diploma in Education; and
2. prepare you to articulate into a Master of Education (MEd)/professional master's (PME) degree.

### Admission requirements

- A 480-credit BEd degree (NQF level 7) with a cognate specialisation (major subject up to fourth year or NQF level 7) in Science;

OR

- A three-year appropriate bachelor's degree (e.g. BSc), with a cognate qualification in Science, and a postgraduate Certificate in Education (or a former equivalent)

OR

- A four-year professional teaching qualification(s) as well as a 120-credit NQF level 7 Advanced Diploma with a cognate qualification in Science.

### Further provisions regarding admission to the PGDip programme

- You must have obtained an average of at least 60% in the final year of your relevant undergraduate study.
- You must be appointed in a teaching-related post.

- The Faculty expects you to at least have access to a computer and the internet to be able to perform the following activities:
  - accessing SUNLearn modules and participating in the various learning activities
  - using the electronic resources of SU's library
  - sending and receiving e-mail
  - generating assignments and submitting them electronically
- The programme will be capped at 40 and candidates will be admitted on a first-apply-first-served basis.

## Application procedure

Provincial education departments or private funders identify prospective PGDip students for Stellenbosch University Centre for Pedagogy (SUNCEP). Application links are then sent to those prospective students.

## Duration of programme

The programme is presented in a hybrid model and extends over two academic years.

For the date of registration, please contact the programme coordinator.

## Examination and assessment

- Every module will contain formative and summative assessment opportunities (no examinations).
- You must obtain a pass mark of at least 50% in each of the modules to pass the programme.
- To pass the degree with distinction (*cum laude*), you must obtain an overall average of 75%
- Assessment opportunities will entail both theoretical and practical work.

## Enquiries

Programme coordinator: Dr PW Hanekom

Stellenbosch University Centre for Pedagogy (SUNCEP)

Tel.: 021 808 9197      E-mail: pwh@sun.ac.za

## Programme contents

The Postgraduate Diploma in Science Education offers a qualification pathway for teachers who wish to pursue studies that advance their professional and academic development, rather than offering a pure research trajectory. This is done to enable working professional educators to critically reflect and learn by being exposed to a systematic survey of current thinking, practice, and research methods in science education. All modules are compulsory year modules.

### FIRST YEAR OF STUDY

#### Compulsory year modules

Introduction to Educational Research	771(15)
Theories in Science Ed	771(15)
Comparative Studies (Sci Ed)	771(15)
Introduction to Neurocognitive Study	771(15)

### SECOND YEAR OF STUDY

#### Compulsory year module

Instructional Leadership Ed	771(20)
Curriculum Development and Instructional Design (Sci Ed)	771(40)

# Postgraduate programmes

## 1. Summary of postgraduate programmes

Below you will find a schematic summary of the postgraduate programmes offered in the Faculty of Education.

Postgraduate qualification	Programme	Distinctions within a programme
Postgraduate certificate	Postgraduate Certificate in Education (PGCE)	
Postgraduate diplomas	Postgraduate Diploma in	<ul style="list-style-type: none"><li>Higher Education in Teaching and Learning</li><li>Mathematics Education</li><li>Science Education</li></ul>
Honours degrees	BEdHons	<ul style="list-style-type: none"><li>Curriculum Inquiry</li><li>Education Development and Democracy</li><li>Educational Support</li><li>Foundation Phase Education</li><li>Language Education</li></ul>
Master's degrees	MEd	MEd (Research) <ul style="list-style-type: none"><li>Curriculum Studies</li><li>Educational Support</li><li>Education Policy Studies</li></ul>
		MEd (Structured) <ul style="list-style-type: none"><li>Curriculum Studies</li><li>Educational Support</li><li>Psychology</li><li>Educational Psychology</li></ul>
	MPhil	MPhil (Structured) <ul style="list-style-type: none"><li>Higher Education Studies</li><li>Lifelong Learning</li></ul>
		MPhil (Research)
Doctoral Degrees	DEd	
	PhD	<ul style="list-style-type: none"><li>Comparative Education</li><li>Curriculum Studies</li><li>Educational Psychology</li><li>Educational Support</li><li>Education and Training and Lifelong Learning</li><li>Education Management</li><li>Education Policy Studies</li><li>Environmental Education</li><li>Higher Education</li><li>History of Education</li><li>Language Education</li><li>Philosophy of Education</li></ul>

### Disclaimer:

The content above comes from the 2025 Education Yearbook. Make sure to consult the full **Education Yearbook** to see this extract in context and to check if there have been any changes. Take special note of additional information in the yearbook under section **1. Summary of postgraduate programmes.**