



DIPLOMA IN TEACHING SCIENCE

(Teaching skills up to G.C.E. (O/L) (ONE YEAR - ENGLISH MEDIUM)

- **Entry Qualifications** : G.C.E.(A/L) two passes in Science or Mathematics subjects + “C” pass in English at (O/L) examination.
- **Duration** : One Year
- **Sessions** : Saturday 9.00am to 3.30pm
- **Programme Fee** : Rs. 55,000/- (*Programme fee once paid cannot be refunded*)
- **Application and Registration Fee** : Rs. 1000/-

Payment Plan	1 st Installment	Rs. 20,000/- (@ Registration)
	2 nd Installment	Rs. 7000/-
	3 rd Installment	Rs. 7000/-
	4 th Installment	Rs. 7000/-
	5 th Installment	Rs. 7000/-
	6 ^h Installment	Rs. 7000/-

SUMMARY OF CURRICULUM

The curriculum consist of three components,

- I - Taught Course (Core Area - Theoretical Component)
- II - Teaching Practicum (Practical Component)
- III - Development of Teaching Competencies (Application Component)

Component	Name of the subjects	Credit Point
I - Taught Course (Core Area)	1. Principles of Secondary Education.	02
	2. Psychology of Teaching Science.	02
	3. Assessment and Evaluation of the Secondary school child.	02
	4. Class-room management of the secondary school.	02
	5. English Language.	03
II – Teaching Practicum (Subject related area)	1. Science I (Physics) Historical development of physics/ The Application and uses of physics/ Mechanics/ Heat/ Optics /Earth and Universe/ Sound /Electricity and Magnetism/ Electronics/ Radio activity/ Development of experimental skills by performing physics activities and practicals.	03
	2. Science II (Chemistry) Changes in matter and agents of change/ Recognition of change/ Representing changes using symbols/ Classification of reactions/ Classification of elements/ Representative reactions of methods of obtaining elements/ Rate of reactions/ How far do reactions go/ Models for explaining behaviour of substances/ Energy from substances.	03
	3. Science III (Biology) Cells and tissues (Plant and animal)/ Classification and nomenclature of organisms/ Main systems in the human body and diseases associated with the systems/ Major biological processes in plants/ Mutual relationship between organisms and the environment/ Importance of microorganisms and biological applications.	03
	4. Science IV (Methodology of Science teaching) Introduction to the nature of Science/ Introduction to science curriculum strategies/ Introduction to the phenomenon of teaching and learning experiences/ Special methods of teaching Science.	03
III – Development of Teaching Competencies	1. Identifying and writing lesson objectives. 2. L/T Methods. 3. Preparation of lesson plans. 4. Understanding the Secondary Child 5. Preparation of learning teaching aids and application of Technology. 6. Assessment and Evaluation of achievement of the Secondary child. 7. Class-room management and maintaining student discipline. 8. Teacher Personality and characterization.	07

IV –Secondary School Observation	<p>9. Inculcation of values. 10. Development of research competencies. (Mock Teaching, Teaching Practice, Observation Report)</p> <p>* Classroom observation and teaching practicum in secondary classes. * Application problems related to Science.</p>	30 Credits
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Assessment :

The final written examinations are held at the end of each component core areas in the taught course. Each written examination paper is of two hours duration. To be eligible to sit each written paper, teacher trainees must have 80% attendance in contact sessions in the related area.

Continuous assessment. There is continuous assessment for each component. The continuous assessment includes an assignment for each component. Assignment may be in the form of a written assignment, oral presentation or a group assignment. Completion of above is considered as an eligibility to sit the final written examination. First topic for assignments will be informed to the coordinator by the relevant lecturers. Then the final date of submission of the assignment will be informed to the teacher trainees by the coordinator.

Allocation of marks :

The final written examination carries a weight of 50% and the assignments 50% of the total marks of the whole programme. Total marks awarded for the core area of the taught course is 500 (100 x 5)

There will be no written examination for the following :

- I. The teaching practicum.
- II. Development of teaching competencies.

Allocation of marks will be as follows,

I. Teaching Practicum.

There are four subjects to be familiar with the teaching practicum. For each subject at least two lesson plans have to be developed according to the 5E method and the traditional method. Teacher trainees are required to refer to the relevant text books when preparing the lesson plans to be taught. The total marks allocated for teaching practicum are (50 x 6) 300 marks.

II. The Development of Teaching Competencies (400). This will be implemented through the following practical oriented workshops.

Identifying and writing lesson objectives.	(50 marks)
Preparation of lesson plans	(50 marks)
Preparation of L/T aids and application of Technology	(50 marks)
Assessment evaluation of achievement	(50 marks)
Class-room management and maintaining student discipline	(50 marks)
Teacher personality and characterization	(50 marks)
School structure observation and observation of teaching	(100 marks)

Total **400 Marks**

<u>Course</u>	<u>Area</u>	<u>Marks Allocated</u>
• Taught Course	Theoretical	500
• Teaching Practicum	Practical	300
• Development of teaching competencies	Applications	400
Total		<u>1200</u>

Advantage : After obtaining the above Diploma, one can proceed to Bachelor of Education Degree at Horizon Campus, Malabe; with the first year exemption and 25% discount payment of the total cost.

Please annex copies of the following documents with your application :

- * Copy of Birth Certificate.
- * Copies of O/L, A/L Results.
- * Copy of NIC.
- * Three stamp sized photographs .
- * Three self addressed Rs. 45/- stamped envelopes.

Programme Fee

Name of Account : Lyceum International School (Pvt) Ltd.
Bank Account No. : 0120-00206852-002
Bank : Seylan Bank **Bank Branch :** Nugegoda
 * Please hand over the bank slip to the Accounts office to obtain an official receipt.