



THE OPEN UNIVERSITY OF SRI LANKA  
BACHELOR OF EDUCATION HONOURS IN  
NATURAL SCIENCES DEGREE PROGRAMME  
Level 5/ Level 6  
ACADEMIC YEAR 2021/ 2022



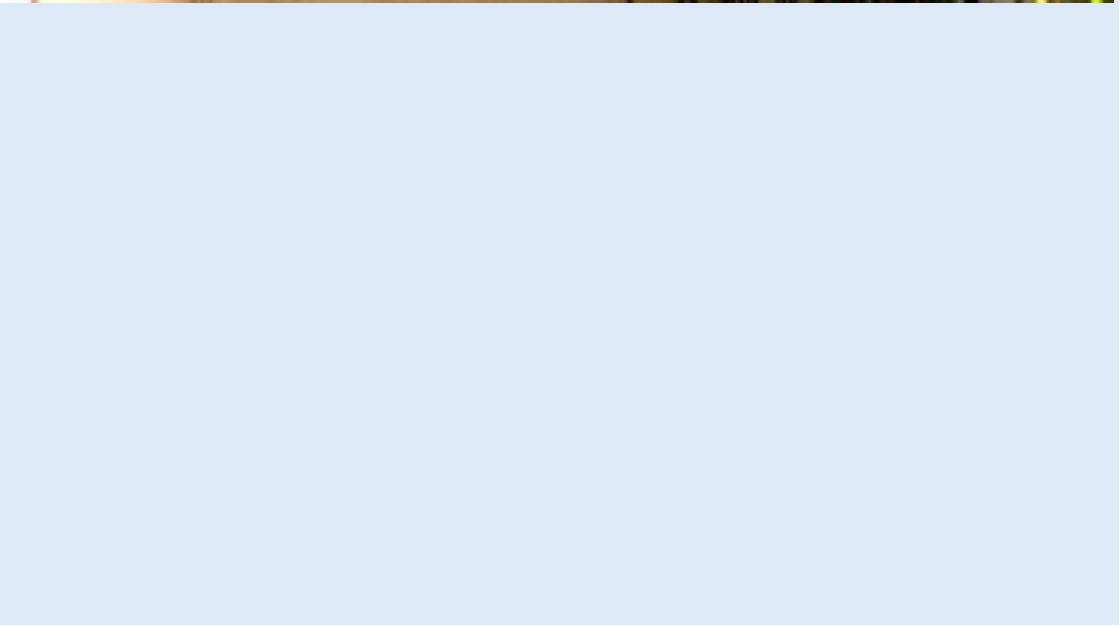
General information about the Bachelor of Education Honours  
in Natural Sciences Degree Programme are given in this  
prospectus

## INTRODUCTION

The Bachelor of Education Honours in Natural Sciences Degree programme is jointly offered by the Faculty of Education and the Faculty of Natural Sciences of the Open University of Sri Lanka. The curriculum and the evaluation of this programme of study, is determined by the two Faculties.

The students who seek admission to this programme should read the Prospectus of the Faculty of Natural Sciences along with this brochure on the Bachelor of Education Honours in Natural Sciences Degree programme of Faculty of Education.

General information regarding the Open University, its study system and the curriculum at Levels 3, 4 and 5 of the Bachelor of Science Degree programme are given in the Prospectus of Faculty of Natural Sciences. The curriculum of Levels 3 and 4 of the Bachelor of Education Honours in Natural Sciences Degree Programme is identical to the curriculum of Level 3 and 4 in the Bachelor of Science Degree Programme of the Faculty of Natural Sciences. All other information regarding the Bachelor of Education Honours in Natural Sciences Degree Programme is provided in this prospectus.



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## **PROGRAMME OF STUDY**

### **BACHELOR OF EDUCATION HONOURS IN NATURAL SCIENCES DEGREE**

B.Ed Honours in Natural Sciences Degree Programme is an Inter-faculty programme offered by The Faculty of Education, in collaboration with The Faculty of Natural Sciences of The Open University of Sri Lanka. It is a four-academic year programme, of which the first two years (Levels 3 and 4) will be devoted to the teaching of Science subjects and the other two years (Level 5 and 6) to Education subjects. It is a 122 credit programme in which candidates are required to acquire 30 course credits each at levels 3, 4, 5 and 32 course credits at level 6.

This Programme was earned a **‘B’ Grade** from the programme review done by the Quality Assurance Council of University Grant Commission, which is interpreted as **‘Good’** indicating a satisfactory level of accomplishment of quality expected of the programme.

#### **1.0 OBJECTIVES OF THE PROGRAMME**

1. To provide further education opportunities for nongraduate Science/ Mathematics teachers in the education system.

2. To provide higher education opportunities for those who are qualified to enter a University.
3. To provide a professional qualification for science graduates who are willing to enter the teaching profession.

## 2.0 **ADMISSION REQUIREMENTS**

### 2.1 Admission to Level 3 / Level 4

Please refer to the Bachelor of Education Honours in Natural Sciences Degree Programme Prospectus of Level 3/Level 4

### 2.2 Admission to Level 5

#### **a) B.Sc/B.Ed students of the OUSL**

Passes in all courses (60 credits) at Levels 3 and 4 of Science courses

or,

**For Students who have registered on or before the academic year 2015/2016, OCAM in all courses (60 credits) at Levels 3, and 4 (Science Courses) and passes in courses equal to at least 45 credits at levels 3 and 4 (Science Courses) –These students are eligible to retain D, D +, C - grades amounting to fifteen (15) credits at Levels 3 and 4 (Science courses).**

#### **b) Others;**

- Obtained a B.Sc (Natural Sciences) Degree from a recognized University or,

- Diploma in Science from the Faculty of Natural Sciences of the Open University of Sri Lanka.

### 2.3 Admission to Level 6

- a) OCAM in all courses (30 credits) at level 5 of the Bachelor of Education Honours in Natural Sciences Degree Programme  
or,
- b) Exempted from all courses at level 5 of the Bachelor of Education Honours in Natural Sciences Degree Programme and Passes in all courses (60 credits) at Levels 3 and 4 of Science courses  
or,
- c) For Students who have registered on or before the academic year 2015/2016,  
OCAM in all courses (60 credits) at Levels 3, and 4 (Science Courses) and passes in courses equal to at least 45 credits at levels 3 and 4 (Science Courses) –These students are eligible to retain D, D +, C - grades amounting to fifteen (15) credits at Levels 3 and 4 (Science courses)  
and  
Exempted from all courses at level 5 of the Bachelor of Education Honours in Natural Sciences Degree Programme.

A student may not register for a course at a particular level unless a specified number of credits or OCAM has been obtained at the preceding level or is exempted from the requirement of obtaining the credits by virtue of other qualifications.

### **3.0 EXEMPTIONS**

Candidates may be exempted from the requirement of obtaining credits in certain courses by virtue of other qualifications.



General qualifications required to claim exemptions from the Levels 3, 4 and 5 of the B.Ed. programme, are given in Appendix.

Please refer to Nat. Sc. Faculty Prospectus, for full details regarding the exemptions from Level 3 / Level 4.

Exemptions should normally be claimed during registration.

The maximum number of credits a student can claim exemption from the B.Ed Honours in Natural Sciences Degree programme, is 60.

A student granted an exemption from a particular course of study would be deemed to have obtained a final mark of 40 and a C grade in that particular course, irrespective of whatever mark he/she may have received at an equivalent course/examination.

## **4.0 COURSES**

### **4.1 Courses offered at Level 3 / Level 4**

Courses offered for levels 3, and 4 of the B.Ed. Honours in Natural Sciences Degree Programme are same as for B.Sc. Degree Programme.

Please refer to Nat. Sc. Faculty Prospectus for further information.

#### 4.2 Courses offered at Level 5 / Level 6

Courses offered for Level 5 and Level 6 of the B.Ed. Honours in Natural Sciences Degree Programme are given in Tables

1 and 2.

Table 1 - Courses offered at Level 5 of B.Ed.

Honours in Natural Sciences Degree Programme

| <b>Course Code</b>                  | <b>Course Title</b>  | <b>Credit Rating (D/T)</b> |
|-------------------------------------|--|----------------------------|
| <b>Level 5 - Compulsory courses</b> |  |                            |
| STU5511                             | Educational Psychology                                       | 5                          |
| STU5512                             | Foundations of Education                                     | 5                          |
| STU5513                             | Comparative Education and Educational Problems               | 5                          |
| STU5314                             | Guidance and Counselling in Education                        | 3                          |
| STU5415                             | Educational Management                                       | 4                          |
| STU5816                             | Educational Technology for Teaching Science and Mathematics. | 8                          |
| <b>Total number of credits</b>      |  | <b>30</b>                  |

Table 2 - Courses offered at Level 6 of B.Ed.

Honours in Natural Sciences Degree Programme

|  |   |           |
|--|---|-----------|
| <b>Total number of credits</b>                           |   | <b>30</b> |
| <b>Level 6 - Compulsory courses</b>                      |   |           |
| STU6801  | Teaching Practice                       | 8         |
| STU6802  | Research Project                        | 8         |
| STU6403  | Measurement and Evaluation in Education | 4         |
| STU6404  | Psychology of the Adolescent            | 4         |
| STU6305  | Curriculum Theory and Practice          | 3         |
| SNU6206  | Inclusive Education                     | 2         |
| <b>Optional courses (only one course to be selected)</b> |   |           |
| STU6307  | Child Rights                            | 3         |
| STU6308  | Primary Education                       | 3         |
| <b>Total number of credits</b>                           |   | <b>32</b> |

## 5.0 MEDIA OF INSTRUCTION

The medium of instruction at level 3 will be in either Sinhala, Tamil or English. A student may choose any one of these. The courses at level 4 will be in English. Courses at Level 5 and 6 will be in either Sinhala, Tamil or English.

## 6.0

## EVALUATION

Evaluation of this programme includes continuous assessment tests, laboratory work, fieldwork, teaching practice, observations and a research project.

A student's progress is assessed continuously throughout the course by means of continuous assessment through both theory and practical assignments and at the end of the course by means of a Final Examination. Performance at continuous assessment will be considered in deciding the eligibility to sit the Final Examination. Minimum OCAM for the courses conducted by Faculty of Natural Sciences is 35 and 40 for the courses conducted by Faculty of Education.

The overall assessment mark (Z%) of in respect of any course shall be based on both the Overall Continuous Assessment Mark (X%) and the mark obtained at the Final Examination (Y%), and shall be computed as follows:

(a) For courses at Levels 3 and 4 offered by the Faculty of Natural Sciences the following grading system shall be applied.

Each student who sits the final examination in a course will be awarded a grade dependent on the overall assessment mark (Z) as follows:

If  $Y \geq 40$ , then  $Z = 0.4 X + 0.6 Y$

If  $30 \leq Y < 40$ , then  $Z = 0.4 X + 0.6 Y$ , subject to a maximum of 40

If  $Y < 30$ , then  $Z = Y$

(b) For courses at Levels 5 and 6 offered by the Faculty

of Education, the following grading system shall be applied.

If  $Y \geq 40$ , then  $Z = (0.4 X + 0.6 Y)$

If  $Y < 40$ , then  $Z = Y$

For each course, an overall Grade and a Grade Point Value will be awarded based on Z% as shown below.

(The overall assessment mark Z%)

| Range of Marks (Z%) | Overall Grade  | Grade Point Value |
|---------------------|----------------|-------------------|
| 85-100              | A <sup>+</sup> | 4.00              |
| 70-84               | A              | 4.00              |
| 65-69               | A <sup>-</sup> | 3.70              |
| 60-64               | B <sup>+</sup> | 3.30              |
| 55-59               | B              | 3.00              |
| 50-54               | B <sup>-</sup> | 2.70              |
| 45-49               | C <sup>+</sup> | 2.30              |
| 40-44               | C              | 2.00              |
| 35-39               | C <sup>-</sup> | 1.70              |
| 30-34               | D <sup>+</sup> | 1.30              |
| 20-29               | D              | 1.00              |
| 00-19               | E              | 0.00              |

A<sup>+</sup>, A, A<sup>-</sup>, B<sup>+</sup>, B, B<sup>-</sup>, C<sup>+</sup>, and C are Pass grades. OCAM (Overall Continuous Assessment Mark) should be more than 35 at Levels 3 & 4 for all the courses offered by Natural Science Faculty and 40 at Levels 5 & 6 for all the courses offered by Faculty of Education. Absentees for a final examination will be assigned a RX Grade.

## 7.0 FEES

The fees payable by the students registered for B.Ed.Honours in Natural Sciences Degree Programme year 2019/2020 are given in Table 3.

**Table 3 - Fees for B.Ed. (Nat. Sc.) Degree Programme**  
(Level5/6)

| Course Fee for the Academic Year 2021/2022 |             |
|--|-------------|
| Registration Fee                           | Rs. 400.00  |
| Facility Fee                               | Rs. 1500.00 |
| Library facility Fee                       | Rs. 100.00  |
| Refundable Stu.Deposit                     | Rs. 1100.00 |
| Tuition Fees (per credit) -<br>NEW CREDIT  | Rs. 2310.00 |

## 8.0 AWARD OF THE DEGREE

The Degree of Bachelor of Education Honours in Natural Sciences will be awarded in accordance with the provisions of the Open University Regulations.

## APPENDIX

### Schedule of General Credit Exemptions for B.Ed. Honours in Natural Sciences Degree Programme

#### Level 3 / Level 4 / Level 5

| Certificate/Examination  | Number of Credits Exempted |         |         |
|--|----------------------------|---------|---------|
|  | Level 3                    | Level 4 | Level 5 |
| Diploma in Teaching<br>Science/Mathematics (National<br>Colleges of Education) |                            | -       | 30      |
| B.Sc. (Natural Sciences) Degree<br>of a recognized University                  | 30                         | 30      | -       |

Instructions to fill the ONLINE Application Form  
Bachelor of Education Honours in Natural Sciences Degree Programme  
2021/ 2022

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1. Click on the following locations and obtain a user name and password  
[www.ou.ac.lk/ Online Application/create new account](http://www.ou.ac.lk/OnlineApplication/create_new_account)

Note:

- You need to provide information considered as MANDATORY including an email address and a mobile number, both of which may be your own or could be that of one of your friends. The officials may use them to communicate with you, to acknowledge receipt of your applications and to provide you additional information as and when necessary.
  - All OU centers will provide internet facilities for those who do not have access; see list.
2. Go to “Online Application” and fill the form and submit
3. Application fees: Rs. 350 by cash or credit/debit card.

**Addresses and telephone numbers of the Regional  
Centres :**

| Centre       | Telephone No. |
|--------------|---------------|
| Colombo      | 0112853930    |
| Kandy        | 0812494083    |
| Matara       | 0412222943    |
| Jaffna       | 0212223374    |
| Anuradhapura | 0252222871    |
| Batticaloa   | 0652222264    |
| Kurunegala   | 0372223473    |
| Badulla      | 0553012151    |
| Rathnapura   | 0452228660    |

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