

## Preamble

The proposal of the Diploma in Plant Breeding (prepared according to SLQF Guidelines) was approved at the Faculty Board of the Faculty of Natural Sciences at its 342<sup>nd</sup> meeting held on 02<sup>nd</sup> August 2017 (*Memo No: VV/9/342/04*). This Programme of Study is coordinated by the Department of Botany of The Open University of Sri Lanka.

The table below provides a brief historical background to the proposal approved by the Senate and Council for the Programme of Study.

Serial No.	Name of Programme of Study	Curriculum and Programme Development Committee	Approval	
			Senate	Council
1.	Diploma in Plant Breeding	114 <sup>th</sup> meeting held on 19. 10. 2017	357 <sup>th</sup> meeting held on 20. 02. 2018 VV/357/06/01	444 <sup>th</sup> meeting held on 25. 05. 2018 VV/444/10(ii)



**THE OPEN UNIVERSITY OF SRILANKA**

Regulation for the Award of  
**Diploma in Plant Breeding**

**Regulation No: 18. NS. (5)**

**April 2022**

**THE OPEN UNIVERSITY OF SRI LANKA**  
**REGULATION FOR THE AWARD OF**  
**THE DIPLOMA IN PLANT BREEDING**

This Regulation was prepared under Section 136 of the Universities Act No. 16 of 1978 read in conjunction with The Open University Ordinance No. 1 of 1990 (as amended).

**Part I - General**

- 1.1. This Regulation shall be cited as the Regulation No. 18. NS. (5) of 2022 approved by the Council of The Open University of Sri Lanka at its [Council Number] meeting held on [Date], [Month],[Year] and shall be deemed to be the consolidated Regulation for the award of the Diploma in Plant Breeding.
- 1.2. This Regulation for the Award of the Diploma in Plant Breeding shall be made by the Senate and approved by the Council.
- 1.3. A student who has successfully completed the prescribed Programme of Study shall be awarded the Diploma in Plant Breeding [Dip (Plant Breeding)] in accordance with the General By-Law No. 1 for the Award of Certificates, Advanced Certificates, Diplomas, Higher Diplomas, Higher Degrees, Postgraduate Diplomas, Post Graduate Degrees and Degrees, By-Law No. 18 for the award of Diplomas and this Regulation for the award of the Diploma in Plant Breeding.
- 1.4. This Regulation shall come into effect from the academic year [2022/2023].

**Part II - Eligibility for Admission to the Programme of Study**

- 2.1. A person seeking admission to the Programme of Study leading to the award of the Diploma in Plant Breeding shall be required to have.
  - 2.1.1. A minimum of three (03) Pass grades at the General Certificate of Education (Advanced Level) Examination, Sri Lanka/ Cambridge/Edexcel in three (03) science subjects, inclusive of Botany/Biology/Biosystems for Technology and any two (02) subjects from Chemistry, Physics, Agricultural Science, Zoology, Information & Communication Technology, Science for Technology.  
  
**or**
  - 2.1.2 Pass grades in all the courses offered in three (03) science subjects (inclusive of Botany/ Biology), from among Biology, Botany, Chemistry, Physics, and Zoology in the Advanced Certificate in Science / equivalent programmes offered by the Open University of Sri Lanka  
  
**or**
  - 2.1.3. Minimum of three (03) Pass grades in combination of (2.11) and (2.12) stated above (inclusive of Botany/ Biology)

**or**

2.1.4. Completion of NVQF L4 in a field relevant to plant breeding/ Five years accredited working experience in the field of plant breeding and completion of 30 credits (part 1 SLQF level 2) inclusive of Botany/ Biology in the Advanced Certificate in Science / equivalent programmes offered by the Open University of Sri Lanka An equivalent

**or**

2.1.5. An equal or higher qualification acceptable to the Senate of the Open University of Sri Lanka

**and**

2.1.6. Minimum S pass (before 2000) or C pass (2000 and after) in the General Certificate of Education (Ordinary Level) Examination for the subject of English.

### **Part III - Registration to the Programme of Study and Registration for Courses**

3.1. A person may register for courses in the Programme of Study subject to limits on the course credit ratings and any other conditions as laid down in the General By-Law No. 1, By-Law No. 18 and the conditions provided in Schedule 1 of this Regulation.

3.2. To be eligible to register for each Level of the Programme of Study, a person shall have satisfied the prerequisites for each Level and/or course(s) as specified in Schedule 1 of this Regulation.

3.3.

### **Part IV - Programme of Study**

4.1. The combination of courses and the level and the credit rating of each course in the Programme of Study for the award of the Diploma in Plant Breeding shall be as specified in Schedule 1 of this Regulation.

4.2. Registration for courses at any given level shall be in accordance with Schedule 1 of this Regulation.

4.3. The medium of instruction of the Programme of Study leading to Diploma in Plant Breeding programme shall be English.

### **Part V - Scheme of Assessment**

5.1. The Overall Assessment Mark (Z%) of a student in respect of the courses offered by the Faculty of Natural Sciences, based on the OCAM (X%) and the mark obtained at the Final Examination (Y%) shall be computed as follows, provided that any secondary criteria required in computation of Y is satisfied:

If  $Y \geq 40$  and, 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  $Z = Y$

A student is eligible to sit for the final exam only if X % is equal to or greater than the minimum threshold for eligibility specified by the faculty.

5.2. Each student who sits for the Final Examination of a course shall be awarded a grade in respect of such course based on the Overall Assessment Mark (Z%), as specified in Schedule 2 of this Regulation and a Grade Point Value (GPV) in accordance with the Section 5.5 in Part V of the By-law No. 18.

### Part VI - Award of the Diploma in Plant Breeding

6.1 A candidate eligible for the Award of the Diploma in Plant Breeding in accordance with this Regulation shall supplicate for same to the Deputy Registrar / Senior Assistant Registrar / Assistant Registrar of Examinations before the prescribed date on the prescribed form.

6.2 A candidate who satisfies the requirements for the award of the Diploma in Plant Breeding shall be awarded such Diploma with Pass, Merit or Distinction provided he/she satisfies the requirements specified in Sections 6.8, 6.9 and 6.10 respectively in this Regulation, within such period specified in Section 6.3 below of this Regulation.

6.3 A candidate shall be awarded the Diploma in Plant Breeding, if he/she has successfully completed minimum of thirty (30) course credits as specified in Schedule 1 of this Regulation.

6.4 A candidate shall acquire the course credit requirements as specified in Sections 6.2 and 6.3 of this Regulation above within a minimum period of one (01) academic year and a maximum period of three (03) consecutive academic years from the date of his/her first registration considered for the award of the Diploma in Plant Breeding.

6.5 The Grade Point Average (GPA) of a student shall be computed by considering the courses at levels 3 of a student who has satisfied the conditions for the award of the Diploma in Plant Breeding in line with the procedure set out in sections below.

6.6 The Grade Point Average shall be the course credit weighted mean of all the individual Grade Point Values (GPV) obtained by a candidate for thirty (30) course credits of courses he/she has offered.

6.7 The Grade Point Average shall be computed as follows;

$$\text{GPA} = \frac{\sum_{i=1}^n (\text{GPV}_i)(\text{CR}_i)}{\sum_{i=1}^n (\text{CR}_i)}$$

where  $\text{GPV}_i$  = Grade Point Value of course  $i$

$\text{CR}_i$  = course credit rating of course  $i$

GPA shall be calculated to the second decimal place subject to a maximum of 4.00.

- 6.8 A candidate shall be awarded the Diploma in Plant Breeding, with a Pass, if he/she has obtained a minimum of C grades in courses adding up to a total of thirty (30) course credits from the courses at the level 3 of the Programme of Study with a minimum GPA of 2.00 .
- 6.9 A candidate shall be awarded the Diploma in Plant Breeding, with Merit, if he/she
- 6.9.1) has obtained a Pass in accordance with the Section 6.8 above with minimum GPA of 3.00 and
- 6.9.2) obtained B or higher grades in at least 24 course credits at Level 3
- 6.10 A candidate shall be awarded the Diploma in Plant Breeding, with Distinction, if he/she
- 6.10.1) has obtained a Pass in accordance with the Section 6.8 above with minimum GPA of 3.70 and,
- 6.10.2) obtained A- (A minus) or higher grades in at least 24 course credits at Level 3

#### **Part VII – Exemptions**

- 7.1. There shall be no exemptions granted for any component of this Programme of Study

#### **Part VIII - Course Credit Transfers**

- 8.1. There shall be no course credit transfers granted for any component of this programme of Study

#### **Part IX – Revisions**

- 9.1. This Regulation may be revised, amended or repealed as and when deemed necessary by the Senate.
- 9.2. Such revisions, amendments or repeals shall come into effect as determined by the Senate and approved by the Council.

## SCHEDULES

### Schedule 1 – Curriculum

### Schedule 2 –Overall Assessment Mark (Z%) Ranges and Grades

### Schedule 1 – Curriculum

Course Code	Course Title	Credits
BYD3321	Concepts in Genetics	3
BYD3622	Concepts in Plant Breeding	6
BYD3623	Applications in Plant Breeding	6
BYD3924	Technical Skills in Plant Breeding	9
BYD3625	Project in Plant Breeding	6
	<b>Total</b>	<b>30</b>

### Schedule 2 –Overall Assessment Mark (Z%) Ranges, Grades and Grade Point Values (GPV)

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

**Schedule 3 – Exemptions, Course Credit Transfers and Equivalent courses**

N/A

Submitted for the approval of the Faculty Board of the Faculty of Natural Sciences



.....  
Dr. K. O. L. C. Karunanayake  
Head/Department of Botany

.....07/05/2022.....  
Date

Submitted for the approval of the University Senate

.....  
Prof. G.W.A.R. Fernando  
Dean/ Faculty of Natural Sciences

.....  
Date