



**THE OPEN UNIVERSITY OF SRI LANKA**

Regulation for the Award of  
**Diploma in Food Science**

**Regulation No: 18. NS.(2)**

March, 2021

**THE OPEN UNIVERSITY OF SRI LANKA**  
**REGULATION FOR THE AWARD OF**  
**THE DIPLOMA IN *Food Science***

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.2) of 2021 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 *Food Science*.
- 1.2. This Regulation for the Award of the Diploma in *Food Science* 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 *Food Science (Dip (Food Science))* 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 *Food Science*.
- 1.4. This Regulation shall come into effect from the academic year 2021/2022.

**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 *Food Science* shall be required to have.
  - 2.1.1. a minimum of three (3) pass grades in Science stream with Chemistry as a subject] at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, or,
  - 2.1.2. pass grades in three (3) subjects in Science stream including Chemistry equivalent to 60 credits, in the Advanced Certificate in Science/Foundation courses/Foundation Programme offered by the Open University of Sri Lanka, or,

- 2.1.3. a minimum of three (3) pass grades in Technology stream with Bio systems technology at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, or,
- 2.1.4. pass grades in three (3) subjects in combination of (2.1.1), (2.1.2) and (2.1.3) stated above with chemistry as a subject, or,
- 2.1.5. successfully completed a NVQ Level 5 qualification in the field of Food Science, Food technology, or,
- 2.1.6. three years working experience in the field of Food Science, Food related industry and pass the selection test and/or an interview conducted for the purpose of admission
- 2.1.7. an equivalent or higher qualification acceptable to the Senate of The Open University of Sri Lanka

### **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.

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

- 4.1. The combination of courses, the level and the credit rating of each course in the Programme of Study for the award of the Diploma in *Food Science* 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 *Food Science* programme shall be *English*.

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

- 5.1. The Overall Assessment Mark (Z%) of a student in respect of any course, shall be based on the Overall Continuous Assessment Mark (X%) and the mark obtained at the Final Examination (Y%) and shall be computed 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  $Y = Z$

- 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 Food Science**

- 6.1 A candidate eligible for the Award of the Diploma in Food Science 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 Food Science 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 Food Science, 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 Food Science.

- 6.5. The Grade Point Average (GPA) of a student shall be computed by considering the courses at level 3 of a student who has satisfied the conditions for the award of the Diploma in Food Science 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 Food Science, 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 Food Science, with Merit, if he/she has obtained a Pass in accordance with the Section 6.8 above with a minimum GPA of 3.00.
- 6.10 A candidate shall be awarded the Diploma in Food Science, with Distinction, if he/she has obtained a Pass in accordance with the Section 6.8 above with a minimum GPA of 3.70.

### **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 WITH COURSES

Course Code	Course Title	Credits
<b>Level 3</b>		
CYD3310	Fundamentals of Chemistry and Biology for Food Science	03
ADD3200	Basic Mathematics and Statistics for Food Science	02
CYD3612	Introduction to Food Science and Constituents of Food	06
CYD3313	Food Microbiology and Food spoilage	03
CYD3614	Food Preservation and Processing	06
CYD3215	Quality Assurance in Food Industry	02
CYD3516	Laboratory sessions in Food Science	05
CYD3317	Novel applications in Food Industry	03
<b>Total for Level 3</b>		<b>30</b>

#### Schedule 2: OVERALL ASSESSMENT MARKS (Z%) RANGES AND GRADES

Range of Marks Z%	Grade
85-100	A <sup>+</sup>
70- 84	A
65- 69	A <sup>-</sup>
60- 64	B <sup>+</sup>
55- 59	B
50- 54	B <sup>-</sup>
45- 49	C <sup>+</sup>
40-44	C
35-39	C <sup>-</sup>
30-34	D <sup>+</sup>
20-29	D
0 - 19	E

Recommended for Faculty approval

Signature..... Head/Department of Chemistry .....Date:

Recommended for Senate approval

Signature..... Dean/Faculty of Natural Sciences .....Date: