THE OPEN UNIVERSITY OF SRI LANKA

Regulation for the Award of

Degree of Bachelor of Science

Regulation No: 20. NS. (1)

September 2020

Preamble:

Regulation No. 20. NS (1) for Award of the Degree of **Bachelor of Science** was approved by the Faculty Board of Faculty of Natural Sciences at its Special Meeting held on 21st October 2020 {Memo No: VV/9/Sp-2020/03(2)}.

This Programme of Study is offered by the Faculty of Natural Sciences with the joint coordination of the Departments of Botany, Chemistry, Computer Science, Mathematics, Physics and Zoology of The Open University of Sri Lanka.

The table below provides a brief historical background to the revisions approved by the Senate and Council for the Programme of Study, which is previously known as NS and NS1 structures.

Approved Regulation / Rules by the Council	Details of approval given by the Council		
	Meeting number	Memo number	Date
(NS) Regulation 1.1.1.1(d)	336	VV/336/16	27.03.2009
(NS) Regulation 1.1.1.1(d) Amendment	366	VV/366/17	23.09.2011
(NS) Regulation 1.1.1.1(e)	390	VV/390/15(iii)	25.10.2013
(NS1) Regulation 1.1.1.1(f)	447	VV/447/9(vi)	31.08.2018

THE OPEN UNIVERSITY OF SRI LANKA

REGULATION FOR THE AWARD OF

THE DEGREE OF BACHELOR OF 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. 20. NS.(1) of 2020 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 Degree of Bachelor of Science.

1.2. This Regulation for the Award of the Degree in Bachelor of 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 Degree of Bachelor of Science [BSc] in accordance with the General By-Law No. 1 for the Award of Certificates, Advanced Certificates, Diplomas, Higher Diplomas, Degrees, Postgraduate Diplomas, Post Graduate Degrees and Higher Degrees, By-Law No. 20 for the award of Bachelors Degrees and this Regulation for the award of the Bachelor of Science.

1.4 This Regulation shall come into effect from the academic year 2019/2020.

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 Degree of Bachelor of Science 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, in three (03) science subjects, from among Applied Mathematics, Biology, Botany, Chemistry, Combined Mathematics, Higher Mathematics, Mathematics, Physics, Pure Mathematics and Zoology, acceptable for the selection of three disciplines at Level 3, **OR**,

    2.1.2. pass grades in all the courses offered in three (03) science subjects, from among Applied Mathematics, Biology, Botany, Chemistry, Mathematics, Physics, Pure Mathematics and Zoology, in Advanced Certificate in Science in Advanced Certificate in Science or equivalent programme offered by the Open University of Sri Lanka, acceptable for the selection of three disciplines at Level 3, **OR**,

    2.1.3. a minimum of three (03) Pass grades or equivalent Pass grades in three (03) science subjects, obtained from the combination of Sections 2.1.1 and 2.1.2. of this Regulation, acceptable for the selection of three disciplines at Level 3, **OR**,

2.1.4. an equivalent or higher qualification acceptable to the Senate

2.2. The University may select candidates for admission to the Programme of Study from among those deemed to be eligible for admission under Section 2.1 above of this Regulation based on their performance at a test and/or an interview conducted for the purpose of admission.

Part III – Admission to the Programme of Study and Registration for the 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 and By-Law No. 20 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 the courses and the category, the level and the course credit rating of each course and in the Programme of Study for the award of the Degree of Bachelor of 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 the Degree of Bachelor of Science shall be *English/Sinhala/Tamil at Level 3 and English at all the Levels above the Level 3*.

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:

5.1.1. For courses offered by the Faculty of Natural Sciences:

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 $Z = Y$

5.1.2. For courses offered by the Faculty of Humanities and Social Sciences except for the course LLU3261 Understanding Law:

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 $Z = Y$

5.1.3. For LLU3261 Understanding Law:

If $Y \geq 40$, then $Z = 0.3\,X + 0.7\,Y$

If $35 \leq Y < 40$, then $Z = 0.3\,X + 0.7\,Y$, subject to a maximum of 40.

If $Y < 35$, then $Z = Y$

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) shall be awarded in accordance with the Section 5.5 in Part V of the By-Law No. 20.

Part VI - Award of the Degree in Bachelor of Science

6.1. A candidate eligible for the Award of Degree of Bachelor of 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 Degree of Bachelor of Science shall be awarded such Bachelors Degree with Pass, Second Class (Lower Division), Second Class (Upper Division) or First Class provided he/she satisfies the requirements specified in Sections 6.8, 6.9, 6.10 and 6.11 respectively in this Regulation, within such period specified in Section 6.4 below of this Regulation.

6.3. A candidate shall be awarded the Degree of Bachelor of Science, if he/she has successfully completed minimum of ninety (90) 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 three (03) academic years and a maximum period of ten (10) consecutive academic years from the date of his/her first registration considered for the award of the Degree of Bachelor of Science. However, the minimum period of 03 academic years for successfully completing the Programme of Study shall be applicable for the students admitted to the Programme of Study with only the minimum entry qualifications.

6.5. The Grade Point Average (GPA) of a student shall be computed by considering the courses at Levels 3, 4, and 5 of a student who has satisfied the conditions for the award of the Degree of Bachelor of 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 ninety (90) course credits of courses he/she has offered. The grades obtained for the continuing education courses shall not be included in the calculation of the GPA.

6.7. The Grade Point Average shall be computed as follows;

$$\text{GPA} = \frac{\sum_{i=1}^{n} (GPV_i)(CR_i)}{\sum_{i=1}^{n} (CR_i)}$$

where GPV_i = Grade Point Value of course i

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 a Pass in the Degree of Bachelor of Science, if he/she has,

6.8.1   obtained a minimum GPA of 2.00 in course credits adding up to 90 course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, as specified in Schedule 1 of this Regulation, **AND,**

6.8.2   obtained a minimum of C grades for sixty-nine (69) course credits of regular courses; of which there shall be at least twenty-one (21) course credits at the Level 3, eighteen (18) course credits at the Level 4, and fifteen (15) course credits at the Level 5, of the Programme of Study, **AND,**

6.8.3   obtained a minimum of D grades for the remaining twenty-one (21) course credits of regular courses at the Levels 3, 4 and 5 of the Programme of Study, AND**,**

6.8.4   obtained at least a Pass grade for each of the continuing education courses specified in the Schedule 1.

6.9   A candidate shall be awarded Second Class (Lower Division) in the Degree of Bachelor of Science, if he/she has,

6.9.1   obtained a Pass in accordance with the Section 6.8 above, **AND**,

6.9.2   obtained a minimum GPA of 3.00 in course credits adding up to 90 course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, as specified in Schedule 1 of this Regulation, **AND,**

6.9.3   obtained a minimum of B grades for forty-five (45) course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, **AND,**

6.9.4   obtained a minimum of C grades for seventy-five (75) course credits and a minimum of D grades for the remaining fifteen (15) course credits of regular courses at the Levels 3, 4 and 5, of the Programme of Study**.**

6.10 A candidate shall be awarded Second Class (Upper Division) in the Degree of Bachelor of Science, if he/she has,

6.10.1 obtained a Pass in accordance with the Section 6.8 above, **AND**,

6.10.2 obtained a minimum GPA of 3.30 in course credits adding up to 90 course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, as specified in Schedule 1 of this Regulation, **AND,**

6.10.3 obtained a minimum of B⁺ grades for forty-five (45) course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, **AND,**

6.10.4 obtained a minimum of C grades for eighty-one (81) course credits and a minimum of D grades for the remaining nine (9) course credits of regular courses at the Levels 3, 4 and 5, of the Programme of Study**.**

6.11 A candidate shall be awarded First Class in the Degree of Bachelor of Science, if he/she has,

6.11.1 obtained a Pass in accordance with the Section 6.8 above, **AND**,

6.11.2 obtained a minimum GPA of 3.70 in course credits adding up to 90 course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, as specified in Schedule 1 of this Regulation, **AND,**

6.11.3 obtained a minimum of A grades for forty-five (45) course credits of regular courses at the Levels 3, 4, and 5 of the Programme of Study, **AND,**

6.11.4 obtained a minimum of C grades for eighty-four (84) course credits and a minimum of D grades for the remaining six (6) course credits of regular courses at the Levels 3, 4 and 5, of the Programme of Study**.**

Part VII – Exemptions

7.1. Exemptions may be granted as specified in Schedule 3 of these Regulations.

7.2. Exemptions, other than those given in Schedule 3, may be granted with the approval of the Faculty Board and the Senate.

7.3. Notwithstanding any exemptions so granted for the award, a student shall acquire at least 50% of the minimum course credit requirement of the ninety (90) course credits, by successful completion in accordance with the Part V of this Regulation for the award of the Degree of Bachelor of Science.

7.4. Any prior qualification shall be considered for exemption only up to a period of five (05) years from the date of obtaining the qualification.

Part VIII - Course credit transfers

8.1. Course credit transfers may be granted as specified in Schedule 3 of this Regulation.

8.2.   Course credit transfers, other than those given in Schedule 3, may be granted with the approval of the Faculty Board and the Senate.

8.3.   Notwithstanding any course credit transfers so granted for the award, a student shall acquire at least 50% of the minimum course credit requirement of the ninety (90) course credits by successful completion in accordance with the Part V of this Regulation for the award of the Degree of Bachelor of Science.

8.4.   Any prior qualification shall be considered for course credit transfers only up to a period of five (05) years from the date of obtaining the qualification.

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 PRE-REQUISITES FOR COURSES

1.1 REGULAR COURSES

LEVEL 3
Requirement: Thirty (30) Course Credits; comprising eight (08) course credits each from the chosen three disciplines, adding up to a total of twenty-four (24) course credits and six (06) course credits from the open elective courses.

Discipline-based Courses

Course Code	Credit Rating	Course Title	Pre-Requisites
Botany			
BYU3500	5	Diversity of Plants	Pass in Botany/Biology at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
BYU3301	3	Organization of Cells and Plant Biochemistry	
Chemistry			
CYU3300	3	Basic Principles of Chemistry I	Pass in Chemistry at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
CYU3201	2	Basic Principles of Chemistry II	
CYU3302	3	Basic Practical Chemistry	
Physics			
PHU3300	3	General and Thermal Physics	Pass in Physics at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
PHU3301	3	Basic Electromagnetism	
PHU3202	2	Waves in Physics	
Zoology			
ZYU3500	5	Animal Life and Diversity	Pass in Zoology/Biology at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
ZYU3301	3	Biogeography	
Computer Science			
CSU3200	2	Introduction to Computer Programming	3 passes in GCE(A/L) in Science or Acceptable equivalent qualifications.
CSU3315	3	Fundamentals of Computers	
CSU3302	3	Data Structures & Algorithms	{CSU3315/ CPU1140 & CSU3200 /CPU1141} (CR/EL/Pass)
Applied Mathematics			
ADU3300	3	Vector Algebra	Pass in Applied Mathematics/ Combined Mathematics/ Higher Mathematics/ Mathematics at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
ADU3201	2	Basic Statistics	
ADU3302	3	Differential Equations	
Pure Mathematics			
PEU3300	3	Mathematical Logic and Mathematical Proofs	Pass in Pure Mathematics/ Combined Mathematics/ Higher Mathematics/ Mathematics at: GCE A/L **or** Advanced Certificate in Science **o**r Acceptable equivalent qualification
PEU3301	3	Foundations of Mathematics	PEU3300 (CR/EL/P) or PUU1140 (EL/P)
PEU3202	2	Vector Spaces	PEU3301 (CR/EL/P) or PUU1141 (EL/P)

Open Elective Courses

Course Code	Credit Rating	Course Title	Pre-Requisites
FNU3200	2	Ethics in Science & Technology	-
FNU3201	2	Communication Skills	-
LLU3261	2	Understanding Law	-
MSU3208	2	Managing Your Work and People	-
DSU3298	2	Introduction to Sri Lankan Society	-
ADU3218	2	Basic Statistics	ONLY for Mathematics students not offering Applied Mathematics at L3

LEVEL 4

Pre-requisite to register for courses at Level 4: CR/EL/P/Ex for thirty (30) course credits at Level 3 regular courses, specified as the requirement at Level 3. And in addition, CR/EL/P/Ex for LEE3410; and EL/P/Ex for CYE3200; and P/Ex for FDE3020 at Level 3 continuing education courses.

Requirement: Thirty (30) Course Credits; comprising twelve (12) course credits each from two major disciplines, which are any two disciplines from the chosen three disciplines at the Level 3 and six (06) course credits from the minor discipline which is the remaining third discipline chosen at the Level 3.

Discipline-based Courses

Course Code	Credit Rating	Course Title	Pre-Requisites
Botany			
BYU4300	3	Plant Physiology	BYU3301 (CR/EL/P) or BOU1101 (EL/P)
BYU4301	3	Genetics and Evolution	BYU3500 (CR/EL/P) or BOU1200 (EL/P)
BYU4302	3	Systematics of Higher Plants and Animals	
BYU4303	3	Principles of Microbiology	
Chemistry			
CYU4300	3	Inorganic Chemistry	{CYU3300 & CYU3201} (EL/P) or CMU1220 (EL/P)
CYU4301	3	Concepts in Chemistry	
CYU4303	3	Organic Chemistry I	
CYU4302	3	Practical Chemistry II	{CYU3302 or CMU1121} (EL/P) AND {CYU4301& CYU4303} (CR/EL/P)
Physics			
PHU4300	3	Modern Physics	PHU4303 (CR/EL) or PYU2165 (EL/P)
PHU4301	3	Electronics	{(PHU3300 or PYU1160) & (PHU3301 or PYU1160) & (PHU3202 or PYU1161)} (CR/EL/P)
PHU4302	3	Optics	
PHU4303	3	Mathematical Methods for Physics	
Zoology			
ZYU4300	3	Animal Form and Function	ZYU3500 (CR/EL/P) or ZLU1280 (EL/P)
ZYU4301	3	Ecology	
ZYU4302	3	Animal Development	
ZYU4303	3	Animal Behaviour	

Course Code	Credit Rating	Course Title	Pre-Requisites
Computer Science			
CSU4302	3	System Analysis & Software Engineering	{(CSU3315/CPU1140) & (CSU3200/CPU1141) & (CSU3302/CPU1142)} (CR/EL/P)
CSU4315	3	Database Management Systems	
CSU4616	6	Object Oriented Programming using C++ and Java	
Applied Mathematics			
ADU4300	3	Statistical Distribution Theory	{ADU3201/APU1141} (CR/EL/P)
ADU4301	3	Newtonian Mechanics I	{ADU3300/APU1140} (CR/EL/P) and {ADU3302/APU1142} (EL/P)
ADU4302	3	Vector Calculus	{ADU3300/APU1140} (EL/P)
ADU4303	3	Applied Linear Algebra and Differential Equations	{ADU3302/APU1142} (EL/P)
Pure Mathematics			
PEU4300	3	Real Analysis I	{PEU3300/ PUU1140 and PEU3301/ PUU1141} (EL/P)
PEU4301	3	Real Analysis II	PEU4300 (CR/EL/P) or PUU2140 (EL/P)
PEU4302	3	Linear Algebra	{PEU3202 or PUU1142} (EL/P)
PEU4303	3	Group Theory I	{PEU3301 or PUU1141} (CR/EL/P)
PEU4315	3	Continuous Functions	{PUU1140 & PUU1141} (EL/P) or (PEU3300 & PEU3301) (EL/P)
PEU4316	3	Differentiable Functions	PUU2141 (EL/P) or PEU4315 (CR/EL/P)

LEVEL 5

Pre-requisite to register for courses at Level 5: CR/EL/P/Ex for thirty (30) course credits each at Levels 3 & 4 regular courses, specified as the requirements at the respective Levels. And in addition, P/Ex for LEE3410, and EL/P/Ex CYE3200 at Level 3 continuing education courses.

Requirement: A minimum of twenty-one (21) course credits of discipline-based courses at Level 5, with at least six (6) course credits each from the two major disciplines chosen at the Level 4. And the balance nine (9) course credits from any remaining discipline-based courses at Levels 4 or 5 and/or open elective courses at Levels 3, 4 or 5, subject to a maximum of twelve (12) course credits of open elective courses at all Levels.

Discipline- based Courses

Course Code	Credit Rating	Course Title	Pre-Requisites
Botany			
BYU5300	3	Environmental and Applied Microbiology	{BYU4303 or BOU2103} (EL/P)
BYU5301	3	Plant Pathology	
BYU5302	3	Plant Growth and Development	{BYU4300 or BOU2200} (EL/P)
BYU5303	3	Plants and Man	{BYU3500 or BOU1200} (EL/P)
BYU5304	3	Soils and Plant Growth	

Course Code	Credit Rating	Course Title	Pre-Requisites
BYU5305	3	Literature Review in Botany	Limited Registration
BYU5306	3	Plant Breeding	{BYU4301/BOU2101} (EL/P)
BYU5308	3	Postharvest Technology of Fresh Produce	{BYU4300/BOU2200} (EL/P)
BYU5609	6	Horticulture	-
BYU5610	6	Research Project in Botany	Limited Registration
Chemistry			
CYU5300	3	Organometallic Chemistry	{CYU4300/CMU2122} (EL/P)
CYU5301	3	Concepts in Spectroscopy	{CYU4301/CMU2220} (EL/P)
CYU5302	3	Analytical Chemistry	{CYU3300 & CYU3201 & CYU3302} (P) or {CMU1220 & CMU1121} (P)
CYU5303	3	Organic Chemistry II	{CYU4302 & CYU4303} (EL/P) OR CMU2221 (EL/P)
CYU5304	3	Chemistry of Biomolecules	CYU4303 (EL/P) or CMU2221 (EL/P)
CYU5306	3	Biochemistry	{CYU5304/CMU3124} (CR/EL/P)
CYU5307	3	Chemical aspects of Food Industry	{CYU5304 (EL/CR) and CYU3302 (P)} or CMU3124 (EL/P)
CYU5308	3	Instrumental Methods of Chemical Analysis	CYU5302 (CR/EL/P) or CMU3123 (EL/P)
CYU5309	3	Environmental Chemistry	{CYU3300 & CYU3201} (P) or CMU1220 (P)
CYU5310	3	Literature Project in Chemistry	{12 Credits in Level 4} (P) and Limited Registration
CYU5611	6	Research Project in Chemistry	
CYU5312	3	Industrial Chemistry I	{CYU3300 & CYU3201} (P) or CMU1220 (P)
CYU5313	3	Polymer Chemistry	
Physics			
PHU5300	3	Nuclear & Particle Physics	{PHU4300 or PYU2160} (CR/EL/P)
PHU5301	3	Practical Physics	{(PHU4301 or PYU2262) & (PHU5303 or PYU3164)} (CR/EL/P)
PHU5302	3	Atmospheric Physics	-
PHU5303	3	Data Acquisition and Signal Processing	{PHU4301/PYU2262} (CR/EL/P)
PHU5304	3	Biophysics	-
PHU5305	3	Essentials of Geology	-
PHU5306	3	Applied Geology	{PHU5305/PYU3266} (CR/EL/P)
PHU5307	3	Medical Physics	-
PHU5308	3	Fundamentals of Geophysics	{PHU5305/PYU3266} (CR/EL/P)
PHU5309	3	Literature Survey Project in Physics	Limited Registration
PHU5610	6	Research Project in Physics	
PHU5311	3	Astronomy	-
PHU5312	3	Solid State Physics	{PHU4300/PYU2160 & PHU4303/PYU2165} (CR/EL/P)
PHU5313	3	Advanced Electromagnetism	{PHU3300/PYU1160} (EL/P) and {PHU4303/PYU2165} (CR/EL/P)
PHU5314	3	Thermodynamics	
PHU5315	3	Renewable Energy Sources	-
Zoology			
ZYU5300	3	Aquatic Biology	-
ZYU5301	3	Fish Biology and Fishery Management	-
ZYU5302	3	Conservation & Management of Biodiversity	-

Course Code	Credit Rating	Course Title	Pre-Requisites
ZYU5303	3	Environmental Toxicology	
ZYU5304	3	Parasitology	-
ZYU5305	3	Human Biology	-
ZYU5306	3	Entomology	-
ZYU5307	3	Mammalian Biology	-
ZYU5608	6	Zoology Project	Limited Registration and {ZYU5313 & ADU5318} (CR/EL/P)
ZYU5309	3	Paleobiology	-
ZYU5312	3	Zoology Essay	Limited Registration
ZYU5313	3	Research Methodology	Limited Registration and ZYU5608
Computer Science			
CSU5300	3	IT Project Management	6 credits of L4 Computer Science courses including {CSU4302/CPU2140} (CR/EL/P)
CSU5301	3	Software Quality Assurance	6 credits of L4 Computer Science courses (CR/EL/P)
CSU5302	3	Web Technologies	
CSU5303	3	Management Information Systems	
CSU5304#	3	Mathematics for Computing	
CSU5305	3	Theory of Computing	
CSU5306	3	Digital Electronics	
CSU5307	3	Data Communication	
CSU5309	3	Information Security & Cryptography	
CSU5315	3	Operating Systems	
CSU5316	3	Computer Networks	
CSU5317	3	Artificial Intelligence	
CSU5320	3	Project in Computer Science	Limited Registration and Pass in 12 credits of L4 Computer Science courses and {CSU5300/CPU3146} (CR/EL/P)
Applied Mathematics			
ADU5300	3	Linear Programming	-
ADU5301	3	Regression Analysis I	{ADU3201/ADU3218/APU1141/PCU1141} (CR/EL/P)
ADU5302	3	Mathematical Methods	{ADU3302/APU1142} (EL/P)
ADU5303	3	Newtonian Mechanics II	{ADU4301/APU2142} (EL/P)
ADU5304	3	Operational Research	{ADU5300/APU3141} (CR/EL/P)
ADU5305	3	Statistical Inference	{ADU4300/APU2140} (CR/EL/P)
ADU5306	3	Fluid Mechanics	{ADU4302/APU2143} (EL/P)
ADU5307	3	Numerical Methods	{ADU3302/APU1142} (EL/P)
ADU5308	3	Graph Theory	-
ADU5309	3	Design and Analysis of Experiments	{ADU3201/APU1141} (CR/EL/P)
ADU5310	3	Time Series Analysis	{ADU3201/ADU3218/ADU5318/APU1141 /PCU1141/PCU1142/PCU3141} (EL/P)
ADU5311	3	Regression Analysis II	{ADU5301/APU2141} (EL/P)
ADU5312	3	Data Mining Techniques	{ADU3201/ADU3218/ADU5318/APU1141 /PCU1141/PCU1142/PCU3141} (EL/P)
ADU5313	3	Generalized Linear Models	{ADU5301/APU2141} (EL/P)
ADU5314	3	Sampling Techniques	{ADU3201/ADU3218/APU1141/PCU1141} (CR/EL/P) or {ADU5318/PCU1142/PCU3141} (EL/P)
ADU5615	6	Project in Mathematics	Limited Registration

Course Code	Credit Rating	Course Title	Pre-Requisites
Pure Mathematics			
PEU5300	3	Riemann Integration	PEU4301 (EL/P) or {PUU2141 & PUU2143} (EL/P)
PEU5301	3	Ring Theory	{PEU4303/PUU2144} (EL/P)
PEU5302	3	Combinatorics	-
PEU5303	3	Number Theory	{PEU3301/PUU1141} (EL/P)
PEU5304	3	Introduction to Complex Analysis	{PEU4300 & PEU4301} (EL/P) or {PUU2140 & PUU2141 & PUU2143] (EL/P)
PEU5305	3	Complex Analysis I	{PEU5304/PUU3141} (CR/EL/P)
PEU5306	3	Introduction to dynamical Systems	{PEU4300 & PEU4301} (EL/P) or {PUU2140 & PUU2141 & PUU2143] (EL/P)
PEU5307	3	Cryptography	{PEU5303 & PUU2141} (CR/EL/P)

Open Elective Courses

Course Codes	Credit Rating	Course Title	Pre-Requisites
ADU5318	3	Bio Statistics (Non-Mathematics Students)	{CYE3200/PSE3117} (EL/P)
ADU5319	3	Design and Analysis of Experiments	{ADU3218/ADU5318/PCU1141/PCU1142/ PCU3141} (CR/EL/P)
ADU5320	3	Introduction to MATLAB Software	{ADU4303/PEU4302/APU2144/PUU2142} (EL/P)
BYU5318	3	Environmental Studies	-
PHU5318	3	Electronics for Biology Students	For Non-Physics students only

LEVEL 6

Discipline- based Courses

Course Code	Credit Rating	Course Title	Pre-Requisites
Zoology			
ZYU6300	3	Management of Insect Pests and Vectors	ZYU5306 (EL/P)
ZYU6302	3	Immunology	-
ZYU6306	3	Ornithology	-

1.2 CONTINUING EDUCATION COURSES

LEVEL 3

Requirement for the award: Obtaining a Pass grade or Exemption for each of the courses CYE3200 and LEE3410 is required for the award of the degree.

Course Code	Credit Rating	Course Title	Pre-Requisites
CYE3200	2	Mathematics for Chemistry and Biology	-
LEE3410	4	English for General Academic Purposes (EGAP)	-
FDE3020	0	Empowering for Independent Learning (EfIL)	-

Abbreviations:

> CR : Concurrent Registration
>
> EL : Eligibility $\Rightarrow$ OCAM (X%) $\geq$ 35%
>
> Ex : Exemption
>
> P : Pass
>
> \# : Students not offering Applied Mathematics and/or Pure Mathematics

1.3 Eligibility: Requirement to Appear for the Final Examination

- Obtaining '**eligibility**' for a course is the condition required for a student to appear for the final examination conducted for that course; and the eligibility for a course is obtained when the Overall Continuous Assessment Mark (OCAM) for that course is $\geq$ 35%. [i.e. (X%) $\geq$ 35%].

- OCAM and hence the eligibility of that course may be carried forward only to the immediate subsequent academic year.

Notes:
- The grades obtained for the continuing education courses shall not be included in the calculation of the GPA.
- Limited Registration: The relevant department will select students based on: request from students, such students' performance at Levels 3 & 4, availability of supervisors & facilities in the proposed area of study/research and department's selection criteria approved by the Faculty.
- The Faculty / Department may not offer certain Level 05 course(s) for registration in particular academic year(s) with a prior notification.

1.4 Earned Credit Courses:

Earned Credit Courses:

Earned credit courses may be claimed by the students for *old courses* offered by them under NS structures, in addition to the *new courses* under this regulation No. 20. NS (1), at the time of supplication for the degree to be considered for the award of the Degree of **Bachelor of Science**. Both the *new course* and the corresponding *earned credit course* will carry the same *Grade and GPV* obtained for the *old course.*

A student may claim for Earned Credit Courses as follows:

For the *old courses*, a student may claim up to a total of fifteen (15) course credits of *earned credit courses*, specified by the relevant department, combining the Level 4 and Level 5 courses together, in which, up to a total of twelve (12) *earned credit courses* from the relevant discipline-based courses offered by the student at Level 4 and remaining three (03) *earned credit courses* from the courses offered by the student at Level 5. The details of earned credit courses permitted level-wise are given below:

At Level 3:   None permitted.

At Level 4:   Up to a total of twelve (12) *earned credit courses* from the relevant courses.

Old Course	Earned Credit Course and New Course	Old Course	Earned Credit Course and New Course
BOU2200	BYU4350▲ & BYU4300	ZLU2281	ZYU4351▲ & ZYU4301
CMU2220	CYU4350▲ & CYU4301	PUU2141 and PUU2143	(PEU4350▲ or PEU4351▲) & PEU4301
CMU2221	CYU4351▲ & CYU4303		
PYU2261	PHU4350▲ & PHU4301	APU2141	ADU4350▲
ZLU2280	ZYU4350▲ & ZYU4300	CPU2241	CSU4350▲ & CSU4315

At Level 5:   Remaining three (03) *earned credit courses* from the relevant courses.

Old Course	Earned Credit Course and New Course	Old Course	Earned Credit Course and New Course
CMU3232	CYU5350▲ & CYU5312	APU3240	ADU5350▲ & ADU5307
CMU3233	CYU5351▲ & CYU5313	APU3244	ADU5351▲ & ADU5308
CPU3242	CSU5350▲ & CSU5315	PUU3240	PEU5350▲ & PEU5301
CPU3245	CSU5351▲ & CSU5316	PUU3242	PEU5351▲ & PEU5302
CPU3243	CSU5352▲ & CSU5317	PUU3244	PEU5352▲ & PEU5303
PYU3266	PHU5305 & PHU5306	PUU3245	PEU5353▲ & PEU5305

▲:   Earned Credit Course

Note: The transcript will carry the results of the actual courses followed by a student, irrespective of whether they are *old courses [offered under NS structures]* or *new courses [under this regulation No. 20. NS (1)]*. Claiming of *earned credit courses* is permitted only for the purpose of processing the results for the award of the Degree. The transcript will not carry the details of the *Earned Credit Courses*.

1.5 MUTUALLY EXCLUSIVE COURSES

Courses listed in each row are mutually exclusive courses where only one course or course combination in each set of mutually exclusive courses with relevant credit weight is considered for the award of the degree, with respect to the credit requirements specified in Part VI of this Regulation.

1.5.1 Discipline-based Courses

Course Code	Credit Rating	Mutually Exclusive Courses
Botany		
BYU3500	5	(BOU1200), (BTU1201), (BTE3201), (BOE3200), (PSU1105 + PSU1108)
BYU3301	3	(BOU1101), (BOE3101)
BYU4300	3	(BOU2200), (BTU2201), (BTE4201), (BOE4200), (BTI4201), (PSU1106 + PSU2105)
BYU4301	3	(BOU2101), (BTU2102), (BTE4102), (BOE4101), (BTI4102), (PSU2107) (PSU2103)
BYU4302	3	(BOU2102), (BTU2103), (BTE4103), (BOE4102), (PSU2108)
BYU4303	3	(BOU2103), (BTU2104), (BTE4104), (BOE4103), (BTI4104), (BOI4103), (PSU3110)
BYU5300	3	(BOU3100), (BTU3101), (BTE5101), (BOE5100), (PSU3129)
BYU5301	3	(BOU3101), (BTU3102), (BTE5102), (BOE5101), (PSU3109)
BYU5302	3	(BOU3102), (BTU3103), (BTE5103), (BOE5102), (BOI5102), (BTI5103)
BYU5303	3	(BOU3103), (BTU3104), (BTE5104), (BOE5103), (BTI5104), (PSU3108)
BYU5304	3	(BOU3104), (BTU3105), (BTE5105), (BOE5104), (PSU3111)
BYU5305	3	(BOU3105), (BTU3108)
BYU5306	3	(BOU3106), (BTU3111), (BTE5111), (BOE5106)
BYU5308	3	(BOU3108), (BTU3113), (BTE5113), (BOE5108)
BYU5609	6	(BOU3209), (BTU3207), (BTE5207), (BOE5209)
Chemistry		
CYU3300	3	(CMU1220), (CHU1221), (PSU1113+PSU1115), (CHE3221), (CHI3221)
CYU3201	2	(CMU1220), (CHU1221), (PSU1114), (CHE3221), (CHI3221)
CYU3302	3	(CMU1121), (PSU1116)
CYU4300	3	(CMU2122), (CHU2123), (PSU2113), (CHE4123)
CYU4301	3	(CMU2220), (CHU2124), (PSU2115), (CHE4124)
CYU4303	3	(CMU2221), (CHU2221), (PSU1115 + PSU2114). (CHE4221)
CYU4302	3	(CMU2220), (CMU2221), (CHU2221 + CHU2124), (CHE4124), (CHE4221)
CYU5303	3	(CMU3120), (CHU3126), (PSU3120), (CHE5126)
CYU5300	3	(CMU3122), (CHU3127), (CHE5127)
CYU5302	3	(CMU3123), (CHU2125), (PSU2116), (CHE4125)
CYU5304	3	(CMU3124)
CYU5305	3	(CMU3125), (CHU3130), (CHU3131), (CHU3122), (PSU3121), (CHE5131)
CYU5306	3	(CMU3126), (CHU3139), (CHU3123), (PSU3123), (CHE5139)
CYU5307	3	(CMU3127)
CYU5308	3	(CMU3128), (CHU3129), (CHE5129)
CYU5309	3	(CMU3129), (CHU3122), (CHE5122)
CYU5301	3	(CMU3131), (CHU3128), (CHU4121), (PSU3141), (CHE5128)
CYU5312	3	(CMU3232), (CHU3237), (CHU3137), (PSU3119), (CHE5137), (CHE5237)
CYU5313	3	(CMU3233), (CHU3238), (CHU3138), (PSU3122), (CHE5138), (CHE5238)
CYU5310	3	(CMU3134), (CHU3133), (PSU3133)
CYU5611	6	(CMU3235), (CHU3234), (PSU3234)
CYU5614	6	(CMU3221)

CYU5615	6	(CMU3236)
CYU6600	6	(CMU4220)
CYU6301	3	(CMU4121)
CYU6302	3	(CMU4122)
CYU6303	3	(CMU4123)
CYU6304	3	(CMU4124)
CYU6305	3	(CMU4125)
CYU6606	6	(CMU4230)
CYU6307	3	(CMU4134)
CYU6908	9	(CMU4335)
Physics		
PHU3300	3	(PSU1109), (PSU1244), (PHU1244), (PHU1141), (PHE3141), (PYU1160), (PYE3160), (PCU1271)
PHU3301	3	(PSU1111), (PSU1244), (PHU1244), (PHU1142), (PHE3142), (PYU1161), (PYE3161), (PCU1271)
PHU3202	2	(PSU1110), (PHU2141), (PHE4141), (PYU1162), (PYE3162)
PHU4300	3	(PSU3115), (PHU3142), (PHE5142), (PHU3143), (PHE5143), (PYU2160), (PYE4160)
PHU4301	3	(PSU1110 + PSU3114), (PHU2141 + PHU3141), (PHE4141 + PHE5141), (PYU2262), (PYE4262)
PHU4302	3	(PSU3115), (PHU3142), (PHE5142), (PYE4160), (PHU3143), (PHE5143), (PYU2164)
PHU4303	3	(PYU2165)
PHU5300	3	(PSU3116), (PHU3143), (PHE5143), (PYU3160), (PYE5160)
PHU5301	3	(PYU3161)
PHU5302	3	(PSU3130), (PHU3145), (PHE5145), (PHI5145), (PYU3162), (PYE5162)
PHU5303	3	(PHU3150), (PHE5150), (PYU3164), (PYE5164)
PHU5304	3	(PHU3152), (PHE3152), (PYU3165), (PYE5165)
PHU5305	3	(PHU3257), (PHE5257), (PYU3266), (PYE5266)
PHU5306	3	
PHU5307	3	(PHU3158), (PHE5158), (PYU3167), (PYE5167)
PHU5308	3	(PSU3147), (PHU3159), (PHE5159), (PYU3168), (PYE5168)
PHU5309	3	(PHU3153), (PYU3169)
PHU5610	6	(PHU3254), (PYU3270)
PHU5311	3	(PYU3172)
PHU5312	3	(PHU3142), (PSU3115), (PHE5142), (PYU3173), (PYE5173)
PHU5313	3	(PHU2142), (PSU2109), (PYU3174)
PHU5314	3	(PHU2145), (PSU2111), (PYU3175)
PHU5315	3	(PYU4168), (PHU4249)
PHU6300	3	(PYU4160)
PHU6301	3	(PHU4150), (PYU4161)
PHU6302	3	(PYU4162)
PHU6603	6	(PYU4363)
PHU6304	3	(PYU4164)
PHU6305	3	(PYU4265)
PHU6306	3	(PYU4166)
PHU6307	3	(PYU4167)
PHU6308	3	(PYU4169)
Zoology		
ZYU3500	5	(ZLU1280), (ZOU1261), (ZOU1262), (PSU1218), (PSU1101), (PSU1104)
ZYU3301	3	(ZLU1181)
ZYU4300	3	(ZLU2280), (ZOU2261), (ZOU2264), (PSU2201), (PSU1102), (PSU2102)
ZYU4301	3	(ZLU2281), (ZOU2262), (ZOU2265), (PSU1219), (PSU1103), (PSU2102), (ZOI4265), (ZLI4281)

ZYU4302	3	(ZLU2182), (ZOU2163), (ZOU2166), (PSU2104)
ZYU4303	3	(ZLU3183), (PSU3128), (ZOE5173), (ZOU3173), (ZLE5183)
ZYU5300	3	(ZLU3180), (ZOU3161), (PSU3101), (ZOE5161), (ZOI5161), (ZLE5180), (ZLI5180)
ZYU5301	3	(ZLU3181), (ZOU3162), (ZLE5181), (ZLI5181), (ZOI5162), (ZOE5162)
ZYU5302	3	(ZLU3182), (PSU3107), (ZOI5171), (ZOE5171), (ZOU3171), (ZLE5182), (ZLI5182)
ZYU5304	3	(ZLU3184), (ZOU3165), (NSU3153), (ZOE5165), (ZLE5185), (PSU3103)
ZYU5305	3	(ZLU3185), (ZOU3164), (ZLE3184), (ZOE5164)
ZYU5306	3	(ZLU3186), (PSU3104), (ZOI5163), (ZOE5163), (ZOU3163), (ZLE5186), (ZLI5186)
ZYU5307	3	(ZLU3187)
ZYU5608	6	(ZLU3288)
ZYU5309	3	(ZLU3189)
ZYU5310	3	(ZLU3190)
ZYU5311	3	(ZLU3191)
ZYU5313	3	(ZLU3193)
ZYU6300	3	(ZLU4180)
ZYU6301	3	(ZLU4181)
ZYU6302	3	(ZLU4182)
ZYU6303	3	(ZLU4183)
ZYU6605	6	(ZLU4285)
ZYU6306	3	(ZLU4286)
ZYU6908	9	(ZLU4388)
ZYU6309	3	(ZLU4189)
ZYU6310	3	(ZLU4190)
ZYU6311	3	(ZLU4191)

Applied Mathematics

ADU3300	3	(APU1140), (AMU1182), (MAU1104), (AME3182), (APE3140)
ADU3201	2	(ADU3218), (APU1141), (PCU1141), (PSU1181), (PSE3181), (APE3141), (PCE3141)
ADU3302	3	(APU1142), (AMU1181), (MAU1103), (AME3181), (APE3142)
ADU4300	3	(APU2140), (MAU1106), (AME4182), (APE4140), (AMU2182)
ADU4301	3	(APU2142), (AMU2184), (MAU2101), (AME4184), (APE4142)
ADU4302	3	(APU2143), (MAU2105), (PME4191), (PMU2191), (APE4143)
ADU4303	3	(APU2144), (AMU3182), (MAU2102), (AME5182), (APE4144)
ADU5300	3	(APU3141), (AMU2181), (MAU1105), (AME4181), (APE5141)
ADU5301	3	(APU2141), (APE4141)
ADU5302	3	(APU3143), (AMU3187), (MAU3113), (AME5187), (APE5143)
ADU5303	3	(APU3145), (AMU3184), (MAU3114), (AME5184), (APE5145)
ADU5304	3	(APU3146), (APE5146)
ADU5305	3	(APU3147), (AMU3189), (AME5189), (APE5147)
ADU5306	3	(APU3150), (AMU3181), (MAU2103), (AME5181), (APE5150)
ADU5307	3	(APU3240), (AMU2185), (AMU3183), (MAU1109), (AME4185), (AME5183)
ADU5308	3	(APU3244), (APE5244)
ADU5309	3	(PCU3142), (ADU4319), (PCU2142), (PSU2182), (PSE4182), (PCE4142), (PCE5142), (ADU5319)
ADU5615	6	(APU3251)

Pure Mathematics

PEU3300	3	(PUU1140), (PUE3140)
PEU3301	3	(PUU1141), (PUE3141)
PEU3202	2	(PUU1142), (PUE3142)
PEU4300	3	(PUU2140), (MAU2107), (PME4193), (PMU2193), (PUE4140)
PEU4301	3	(PUU2143), (PUE4143)
PEU4302	3	(PUU2142), (PMU2192), (MAU2106), (PME4192), (PUE4142)
PEU4303	3	(PUU2144), (PMU3292), (PME5292), (PUE4144)

PEU4315	3	(PUU2141)
PEU4316	3	(PUU2143)
PEU5300	3	(PUU3143), (PMU2195), (MAU3120), (PME4195), (PUE5143)
PEU5301	3	(PUU3240), (PMU3295), (PME5295), (PUE5240)
PEU5302	3	(PUU3242), (PUE5242)
PEU5303	3	(PUU3244), (PUE5244), (PMU2194), (PME4194), (MAU2108)
PEU5304	3	(PUU3141), (PUE5141)
PEU5305	3	(PUU3245), (PUE5245), (PMU3291)
PEU6300	3	(PUU4142)
PEU6601	6	(PUU4240)
PEU6602	6	(PUU4245)
PEU6303	3	(PUU4243)
PEU6304	3	(PUU4246)
PEU6305	3	(PUU4144)
PEU6306	3	(PUU4141)
Computer Science		
CSU3315	3	(CPU1140)
CSU3200	2	(CPU1141)
CSU3302	3	(CPU1142)
CSU4302	3	(CPU2140)
CSU4315	3	(CPU2241)
CSU4616	6	(CPU2242)
CSU5300	3	(CPU3146)
CSU5301	3	(CPU3147)
CSU5302	3	(CPU3149)
CSU5303	3	(CPU3148)
CSU5304	3	(CPU3140)
CSU5305	3	(CPU3144)
CSU5306	3	(CPU3141)
CSU5307	3	(CPU3152)
CSU5315	3	(CPU3242)
CSU5316	3	(CPU3245)
CSU5317	3	(CPU3243)
CSU5309	3	(CPU3151)
CSU5320	3	(CPU3250)

1.5.2 Open Elective Courses

Course Code	Credit Rating	Mutually Exclusive Courses
DSU3298	2	(SSU1198), (SSU1199)
LLU3261	2	(LWU1160), (LWU1161)
MSU3208	2	(MCU1108), (MSU1180)
FNU3200	2	(PCU1102)
FNU3201	2	(PCU1163)
BYU5318	3	(PCU3104)
ADU3218	2	(PCU1141), (ADU3201), (APU1141), (APE3141), (PSU1181)

| ADU5318 | 3 | (PCU3141), (ADU3318), (PCU1142), (PSU1182), (PSE3182), (PCE3142), (PSZ3182), (PSZ4182), (PCE5141) |
| ADU5319 | 3 | (PCU3142), (ADU4319), (PCU2142), (PSU2182), (PSE4182), (PCE4142), (PCE5142), (ADU5309) |

1.5.3 Continuing Education Courses

Course Code	Credit Rating	Mutual Exclusive Courses
CYE3200	2	(PSE3117)
LEE3400	4	(LSE3202), (LSE3201), (LSE1303 and LSE2303)
FDE3020	0	(EDE3001)

****

SCHEDULE 2 – OVERALL ASSESSMENT MARK (Z%) RANGES AND GRADES

Z%: Range of Marks	Grade	Grade Point Value
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

3.1 Specific Exemptions Granted for the Continuing Education Courses

Courses Exempted	Qualification
CYE3200	- GCE (A/L) Examination, Sri Lanka: Pass in Applied Mathematics **or** Combined Mathematics **or** Higher Mathematics **or** Pure Mathematics. - Advanced Certificate in Science, OUSL: Passes in Applied Mathematics **or** Pure Mathematics **or** Mathematics Courses at Level 2 **or** Foundation Courses equivalent to the subjects listed above. - Passes in Applied Mathematics **or** Pure Mathematics courses at 1st year Examination in Physical Science of a recognized University. - National Diploma in Teaching Mathematics. - Any other qualifications acceptable to the Senate of OUSL.
LEE3410	- Successful completion of a Bachelor's degree **or** Postgraduate Diploma **or** Master's Degree in English Medium. - Diploma in English from a recognized university. - National Diploma in Teaching (English) conducted and awarded by the NIE. - UTEL score of not less than band 6.00 in all skills. - IELTS overall score of at least 5.0 (academic) 5.5 (general) with not less than 4.00 in writing (within 3 years). - TOEFL (within 3 years). - Paper based overall score of at least 450 with at least 3.5 in writing - Computer based overall score of at least 200 with at least 3.5 in writing - Internet Based test overall score of at least 90 with at least 20 in writing - Successful completion of GCE (A/L) Examination, Sri Lanka in English Medium - Successful completion of London A/L (Edexcel or Cambridge) in English medium - Any other qualifications acceptable to the Senate of OUSL.
CSE3213	- Successful completion of Short Course in Professional Computer Applications offered by the Department of Computer Science, OUSL. - Successful completion of CPCA: Certificate in Professional Computer Applications offered by the Department of Computer Science, OUSL. - Successful completion of National Certificate in Information Communication Technology Technician (ICT Technician) NVQ L4 at Vocational Training Centre. - Successful completion of Sri Lanka Computing Driving License (SCDL) or International Driving License (ICDL). - Successful completion of the University Competency Test in Information Technology (UCTIT) conducted by the Higher Education for Twenty First Century (HETC) project of the Ministry of Higher Education. - Any other qualifications acceptable to the Senate of OUSL.

3.2 Specific exemptions granted for the admission requirements

Qualification	Chemistry	Physics	Applied Mathematic	Pure Mathematic	Botany	Zoology
Foundation Course in Physics (IPSL) and Studied Physics as a subject in the school and sat for GCE (A/L) examination in Physics.		✕				
GCE A-Level (Cambridge/Edexcel) - Biology					✕	✕
GCE A-Level (Cambridge/Edexcel) - Chemistry	✕					
GCE A-Level (Cambridge/Edexcel) - Mathematics			✕	✕		
GCE A-Level (Cambridge/Edexcel) - Physics		✕				
Diploma in Mathematics/Science (AUC) - Mathematics			✕	✕		
Diploma in Teaching Mathematics/Science (NIE) - Mathematics			✕	✕		
Diploma in Mathematics/Science (AUC) - Science	✕	✕			✕	✕
Diploma in Teaching Mathematics/Science (NIE) - Science	✕	✕			✕	✕
Science Teachers Diploma (Biological Science)					✕	✕
Science Teachers Diploma (Physical Science)		✕				
Institute of Chemistry Lab Technicians Certificate (LTCC)	✕					

Recommended for the approval of the Senate.

……………………………………………………...
Dean/ Faculty of Natural Sciences   Date: ………………,,,,,,,,,……