

Certificate in Mathematics and Physics

UNIT CODE	COURSE TITLE	CREDIT POINT
1. MTH301	Basic Algebra and Trigonometry	18
2. MTH302	Basic calculus and statistics	18
3. MTH401	Introduction to Algebra, differentiation and trigonometry	18
4. MTH402	Introduction to integration & Linear Algebra	18
5. PHY301	Physics for Beginners I	18
6. PHY302	Physics for Beginners II	18
7. PHY401	Mechanics, Heat and Waves	18
8. PHY402	Basics of Electricity and Magnetism	18

Certificate in Mathematics and Computer Science

UNIT CODE	COURSE TITLE	CREDIT POINT
1. MTH301	Basic Algebra and Trigonometry	18
2. MTH302	Basic calculus and statistics	18
3. MTH401	Introduction to Algebra, differentiation and trigonometry	18
4. MTH402	Introduction to integration & Linear Algebra	18
5. CSC301	Introduction to Computing Studies	18
6. CSC302	Fundamentals of Computing Studies	18
7. CSC401	Introduction to Information systems	18
8. CSC402	Introduction to Information Communication Technology	18

Certificate in Physics and Chemistry

UNIT CODE	COURSE TITLE	CREDIT POINT
1. PHY301	Physics for Beginners I	18
2. PHY302	Physics for Beginners II	18
3. PHY401	Mechanics, Heat and Waves	18
4. PHY402	Basics of Electricity and Magnetism	18
5. CHE301	Elementary Chemistry	18
6. CHE302	Basic Principles of Chemistry	18
7. CHE401	Fundamental Chemistry A	18
8. CHE402	Fundamental Chemistry B	18

Certificate in Biology and Chemistry

UNIT CODE	COURSE TITLE	CREDIT POINT
1. BIO301	Introduction to macro-molecular and process biology	18
2. BIO302	Introduction to investigative biology	18
3. BIO401	Introduction to organism forms and molecular biology	18
4. BIO402	Introduction to Ecological Studies	18
5. CHE301	Elementary Chemistry	18
6. CHE302	Basic Principles of Chemistry	18
7. CHE401	Fundamental Chemistry A	18
8. CHE402	Fundamental Chemistry B	15

Diploma in Youth & Development Work

MODULE CODE	COURSE/MODULE TITLE	CREDIT POINT
1. SYD501	Learning Processes	10
2. SYD501	Young People & Society	10
3. SYD501	Principles & Practice in Youth in Development Work	20
4. SYD501	Working with people in their Communities	20
5. SYD501	Gender and Development	20
6. SYD501	Commonwealth Values	20
7. SYD501	Management Skills	20
8. SYD501	Project Planning, Monitoring and Evaluation	20
9. SYD501	Policy, Planning and Implementation	20
10. SYD501	Conflict Resolution Strategies and Skills	20
11. SYD501	Promoting Enterprises and Economic Development	20
12. SYD501	Youth and Health	20
13. SYD501	Sustainable Development & Environmental Issues	20

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SINU DFL HIGHER QUALIFICATION PROGRAMS

INFORMATION SHEET



Bringing SINU to your Home

HIGHER QUALIFICATION PROGRAMS

Solomon Islands National University through the Center for Distance and Flexible Learning currently offered nine Higher Qualification Programs. These programs are 1. Certificate in Tropical Agriculture, 2. Certificate in Business Entrepreneurship 3. Certificate in Mathematics 4. Certificate in Chemistry 5. Certificate in Physics 6. Certificate in Biology 7. Certificate in Computer Science 8. Diploma in Youth and Development Studies and 9. Diploma in Teaching Primary.

1. Certificate in Tropical Agriculture (CTA)

This program comes under the Faculty of Agriculture, Forestry and Fisheries and being delivered through distance mode. Those who are eligible to apply for this program are form 6/7 arts or science leavers or those who completed AEPAD - Adult Education Proficiency Award (Distance) Certificate with work experience of 3 years and above. Those who have completed UPC3 under the SINU DFL University Preparatory Certificate Program can also apply for this program. The program consisted of 10 units which students can complete in a year.

2. Certificate in Business Entrepreneurship (CBE)

The Certificate in Business Entrepreneurship Program comes under the Faculty of Business & Tourism Studies. This program consisted of 8 units of which students can complete in a year. Those who are eligible to apply for the CBE are form 6/7 leavers and those who have completed UPC3 under the SINU DFL University Preparatory Certificate Program. Matured students with relevant years of work experience can also apply for this program.

3. Certificate in Mathematics and Physics

The Certificate in Mathematics and Physics is one of the new Programs that will be offered through distance mode as of 2023. This Program comes under the Faculty of Science and Technology and consisted of 8 units of which students can complete in a year. Those who are eligible to apply for the CIM are form 6 leavers and those who have completed UPC3 under the SINU DFL University Preparatory Certificate Program.

4. Certificate in Mathematics and Computer Science

This also one of the new Programs that will be offered through distance mode as of 2023. This PURE SCIENCE Program will equip students who are interested to achieve higher qualifications in various science fields. The Program comes under the Faculty of Science and Technology and is consisted of 8 units of which students can complete in a year. Those who are eligible to apply for this program are form 6 leavers and those who have completed the DFL UPC3 Science Program, also, mature students who display maturity and possess evidence that they can complete the program.

5. Certificate in Physics and Chemistry

The Certificate in Physics and Chemistry is also one of the new Programs that will be offered through distance mode as of 2023. The CIP Program comes under the Faculty of Science and Technology. This PURE SCIENCE Program will equip students who are interested to achieve higher qualifications in various science fields. Those who are eligible to apply for this program are form 6 leavers and those who have completed the DFL UPC3 Science Program, also, mature students who display maturity and possess evidence that they can complete the program. CIP consisted of 8 units of which students can complete in a year.

6. Certificate in Mathematics and Chemistry

This also one of the PURE SCIENCE Programs that will be delivered through distance mode as of 2023. The Program comes under the Faculty of Science and Technology and consisted of 8 units of which students can complete in a year. Those who are eligible to apply for this program are form 6 leavers and those who have completed the DFL UPC3 Science Program; also, mature students who display maturity and possess evidence that they can complete the program.

7. Certificate in Biology and Chemistry

This Program is also one of the PURE SCIENCE Programs that will be offered through distance mode as of 2023. This program also comes under the Faculty of Science and Technology. Those who are eligible to apply for this program are form 6 leavers and those who have completed the DFL UPC3 Science Program. The program consisted of 8 units of which students can complete in a year.

8. Diploma in Teaching Primary (DIP)

This program comes under the Faculty of Education and Humanities and being delivered on a distance mode. The program consisted of 20 units, this included 17 core units and 3 elective units. Students can enroll in this program on a trimester basis. Those who are eligible to apply for this program are: Year 13/Form 7 leavers; those who already graduated with a Certificate in Teaching Primary (currently teaching, but want to upgrade their qualification); Mature entry with more than 3 years of teaching experience in Primary School, and those who have completed the SINU DFL UPC3 Program.

9. Diploma in Youth and Development Studies (DYD)

The DYD program is specifically for youth workers or youth related work, e.g. schoolteachers, policemen, church and village leaders. New school graduate must complete Form 7 with a "B" grade pass in English in order to eligible for this program. Adults who have work experience will be given due considerations. Those who have completed the UPC3 under the SINU DFL UPC Program can also apply for this Program. The DYD is a two-year program and comes under the Faculty of Education and Humanities.

PROGRAM STRUCTURE

Certificate in Tropical Agriculture

UNIT CODE	COURSE TITLE	CREDIT POINT
1. AG311	Agriculture Mathematics & Computer Skills	10
2. AG312	Communication & Study Skills	10
3. AG313	Animal Production I	15
4. AG314	Crop Production I	10
5. AG315	Farm Economics & Marketing	10
6. AG421	Small Engines & Farm machinery	10
7. AG422	Animal Production II	15
8. AG423	Crop Production II	15
9. AG424	Agriculture Program & Project planning	10
10. AG425	Farm Management	10

Certificate in Business Entrepreneurship

UNIT CODE	COURSE TITLE	CREDIT POINT
1. BU491	Introduction to Entrepreneurship	15
2. BW441	Writing skills for Business English	15
3. BU421	Business Mathematics	15
4. BC451	Introduction to Computers	15
5. BM421	Principles of Marketing	15
6. BU492	Business Plan Development	15
7. BA411	Introduction to Business Accounting	15
8. BU551	Business Practices in Solomon Islands	15

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