

Bachelor of Education Program in Computer

General Information

Degree Designation : Bachelor of Education Program in Computer

Total Credits : 163 credits

Graduate : 5 years

Academic Year

The academic calendar mostly consists of two semesters (Two-semester system). Each semester is not less than 15 weeks. The summer session is scheduled to meet the requirements of each

1 st semester : June - September

2 nd semester : November – February

Summer semester : March – May

Course Structure

A : General Education Course

B : Major Course

C : Free Elective Course

A : General Education (30 credits)

1. Language and Communication (9 credits)

- Fundamental Course (6 credits) :

Course ID	Course name	Credits
1551001	Fundamental English	3(3-0-6)
1551002	English for Communication	3(3-0-6)

- Free Elective (3 credits) :

1541001	Thai Language Usage Skills	3(3-0-6)
1541002	Language and Communication for Specific Purposes	3(3-0-6)
1561001	Japanese for Communication	3(3-0-6)
1571001	Chinese for Communication	3(3-0-6)
1571002	Fundamental Chinese for Tourism	3(3-0-6)
1661001	Korean for Communication	3(3-0-6)
1691001	Fundamental Burmese	3(3-0-6)
1691002	Burmese for Communication	3(3-0-6)

2. Humanities (6 credits)

Course ID	Course name	Credits
1001003	Human Behavior and Self-Development	3(3-0-6)
1001005	Thinking and Decision Making Skill	3(3-0-6)
1511001	Ethics and Human Beings	3(3-0-6)
1511002	Facts of Life	3(3-0-6)
1521001	Buddhism	3(3-0-6)
1631001	Information for Study and Research	3(3-0-6)
2011001	Aesthetics of Visual Arts	3(3-0-6)
2051001	Aesthetics of Performing Arts	3(3-0-6)
2061001	Music Appreciation	3(3-0-6)
3501001	Leadership Development	3(3-0-6)
3501003	Personality Development and the Arts of Socializing	3(3-0-6)

3. Social Sciences (6 credits)

Course ID	Course name	Credits
2501001	History of Thai Society and Culture	3(3-0-6)
2501003	Public Mind and Civic Social Engagement	3(3-0-6)
2501004	Interdisciplinary Social Science for Development	3(3-0-6)
2501005	Kamphaeng Phet Studies	3(2-2-5)
2521001	Globalization and Localization	3(3-0-6)
2521002	ASEAN Studies	3(3-0-6)
2541001	Human Beings, Community, and Environment	3(3-0-6)
2541002	Local Resource Management	3(3-0-6)
2551002	Fundamental Knowledge on Thai Politics and Government	3(3-0-6)
2561001	Introduction to Laws	3(3-0-6)
3501004	Business Initiation	3(3-0-6)
3531001	Finance in Daily Life	3(3-0-6)
3541001	Entrepreneurship	3(3-0-6)
3591002	Sufficiency Economy	3(3-0-6)

4. Mathematics, Science, and Technology (6 credits)

Select courses in subjects 1. - 4. (3 credits)

Course ID	Course name	Credits
1161001	Sports and Recreation for Quality of Life	3(2-2-5)
1161002	Exercise for Health	3(2-2-5)
4001002	Science and Technology for Daily Life	3(3-0-6)
4001003	Environments and Natural Resources Conservation	3(3-0-6)
4071001	Health and Health Care	3(3-0-6)
4091001	Mathematics in Daily Life	3(3-0-6)
4091003	Mathematics and Decision Making	3(3-0-6)
4121001	Computer and Information Technology	3(2-2-5)
4121005	Website Design and Development	3(2-2-5)
4121006	Package Software for Application	3(2-2-5)
5001001	Agriculture in Daily Life	3(3-0-6)
5071001	Food for Health	3(3-0-6)
5501001	Technology in Daily Life	3(3-0-6)

B : Major Course (127 credits)

Teachers Group (32 credits)

Course ID	Course name	Credits
1003101	Practicum 1	1(90)
1004102	Practicum 2	1(90)
1012101	Philosophy and Self-actualization for Teacher	3(3-0-6)
1012103	Language and Culture for Teacher	3(2-2-5)
1012104	English for Teachers	3(2-2-5)
1022001	Curriculum Development	3(2-2-5)
1022002	Principle of Learning Management and Classroom Management	3(2-2-5)
1032201	Innovation and Education Information Technology	3(2-2-5)
1043001	Learning Measurement and Evaluation	3(2-2-5)
1043002	Research for Learning Development	3(2-2-5)
1052001	Psychology for Teacher	3(3-0-6)
1063005	Educational Quality Assurance	3(3-0-6)

Selective teachers (2 credits)

Course ID	Course name	Credits
1001002	Thai Language for Communication of Teachers	2(2-0-4)
1005101	English for Communication of Teachers	2(2-0-4)
1012002	Academic Camp Management	2(1-2-3)
1022003	Skills and Techniques of Learning Management	2(1-2-3)
1024001	Chinese for Communication of Teachers	2(2-0-4)
1031101	Computers for Education	2(1-2-3)
1033202	Media Texts Construction	2(1-2-3)
1043003	Statistics for Data Analysis in Education	2(1-2-3)
1053002	Guidance and Activities for Student Development	2(2-0-4)
1063004	Principal of Educational Administration	2(1-2-3)
1063005	Educational Administration Leadership	2(1-2-3)
1083001	Inclusive Education	2(2-0-4)

Teachers Practice (12 credits)

Course ID	Course name	Credits
1004103	Internship 1	6(540)
1005104	Internship 2	6(540)

Major Requirement (57 credits)

Course ID	Course name	Credits
1181101	Mathematics for Computer Teacher	3(2-2-5)
1181102	Computer Operating Systems in Education	3(2-2-5)
1181104	Software Applications for Education	3(2-2-5)
1181201	Teaching of Basic Programming Language	3(2-2-5)
1181202	Computer Graphic Design for Education	3(2-2-5)
1182101	Electronic Media Production for Education	3(2-2-5)
1182102	Database Management System in Education	3(2-2-5)
1182103	Teaching of Advanced Programming Language	3(2-2-5)
1182501	Troubleshooting and Maintenance of Computer Equipment for Computer Teacher	3(2-2-5)
1182502	Data Structure and Algorithms in Education	3(3-2-5)
1182503	Architecture Computer and Technology in Education	3(2-2-5)
1183101	Computer Network for Education	3(2-2-5)

Course ID	Course name	Credits
1183102	English for Computer Teacher	3(2-2-5)
1183103	Multimedia Production for Education	3(2-2-5)
1183301	Teaching of Object-Oriented Programming Language	3(2-2-5)
1183302	Information System Analysis and Design for Education	3(2-2-5)
1184101	Design and Programing for web-based Teaching	3(2-2-5)
1184201	Information Technology Online Social Network, Law and Ethics for Computer Teacher	3(2-2-5)
1184202	Computer Education Project	3(2-2-5)

Major Elective Course (12 credits)

Course ID	Course name	Credits
1183106	Teaching of C Programming Language	3(2-2-5)
1183107	Security in Computer Systems and Networks for Education	3(2-2-5)
1183108	Web Design and Development for Teaching	3(2-2-5)
1183307	Basic Electronic for Computer Teacher	3(2-2-5)
1183308	Mobile Software Development for Education	3(2-2-5)
1183309	Information and Educational Communication Technology	3(2-2-5)
1184103	Robotic Development for Education	3(2-2-5)
1184104	Educational Research in Computer	3(2-2-5)
1184207	Teaching of Java Programming Language	3(2-2-5)
1184208	Web-Based Instruction	3(2-2-5)
1184209	Academic Camp Management for Computer Teacher	3(2-2-5)
1184210	Application Program for Statistics and Education Research	3(2-2-5)
1184211	Seminar in Computer Education	3(2-2-5)
1184212	Cloud Computing for Education	3(2-2-5)

Teaching Major (6 credits)

Course ID	Course name	Credits
1183303	Teaching Behavior Computer Education in Primary Education Level	3(2-2-5)
1184102	Teaching Behavior Computer Education in Secondary Education Level	3(2-2-5)

Selective Teaching Major (6 credits)

Select Course in Elective Subjects.

C: Free Elective Course (6 credits)

Freely choose any courses provided by the university. The courses chosen must not have been taken before by the student and must not be the compulsory non-credit courses.