CHULABHORN ROYAL ACADEMY

Bachelor of Nursing Science

(International Program)

New Program 2022

Faculty of Nursing

Princess Agra Rajakumari College of Nursing

Chulabhorn Royal Academy

Bachelor of Nursing Science (International Program)
New Program 2022

Name of institution   Princess Agra Rajakumari College of Nursing,

Chulabhorn Royal Academy

Campus/Faculty/Department   Faculty of Nursing

1. Curriculum Name

Bachelor of Nursing Science Program (International Program)

2. Name of Degree and Section

Full Title   :   Bachelor of Nursing Science (International Program)

Abbreviated   :   B.N.S. (International Program)

3. Major Subjects (if any): None

4. Required Credits: 125 credits

5. Curriculum characteristics

5.1 **Curriculum model:** Bachelor's Degree, four-year program, in accordance with the Qualifications of Bachelor's Degree in Nursing Science, 2017 and the Standard of Bachelor's Degree Program, 2015.

5.2 **Curriculum type:** Bachelor's Degree Program

5.3 **Language:** English

5.4 **Recruitment:** Thai and International Students

5.5 **Cooperation with other universities:** A special curriculum directly organized by the Faculty of Nursing, Princess Agra Rajakumari College of Nursing, Chulabhorn Royal Academy

5.6 **Degrees offered to the graduates:** One degree of Bachelor's Degree in Nursing Science (International Program)

6. Curriculum Status and Curriculum Approval

6.1 New Curriculum in 2022

6.2 Aprroval for the Bachelor's Degree in Nursing Science Program (International Program) by the Committee of Faculty of Nursing, Princess Agra Rajakumari College of Nursing, in accordance with the Standard Qualifications for Bachelor's Degree Program, B.E. 2560 at the Meeting No. 21/2563; November 5th, 2020.

6.3 Approval by the Nursing Council for the Bachelor's Degree Program in Nursing Science (International Program), in accordance with the Standard of Qualifications of Bachelor's Degree in Nursing Science, in 2017 at the Meeting No. 4/2564; April 19th, 2021.

6.4 Approval by the Committee of Chulabhorn Royal Academy Council for the Bachelor's Degree Program in Nursing Science (International Program), New Curriculum in 2022, at the Meeting No. 10/2564; October 8th, 2021..

7. The Ability to implement/promote the curriculum

The final curriculum will be ready to be published according to the Quality and the Standard Qualifications of Bachelor's Degree in Nursing Science, B.E. 2560 for the academic year 2024 (after 2 years of opening program).

8. Opportunities of the graduates

8.1 A nursing profession in health care facilities of all levels (Primary, Secondary, and Tertiary care level)

8.2 A practitioner in health service business

8.3 Entrepreneurs, Startup or a self-employed nurse in health-related business, not against the National / International Nursing and Midwifery Act.

8.4 A researcher in national and international organizations

8.5 A nurse in schools / other enterprises in public and private sectors

8.6 A Freelance career in nursing and midwifery within local and overseas organizations

1. Philosophy, justification and objectives ofthe curriculum

1.1 Philosophy and justification of the curriculum

Faculty of Nursing , Princess Agra Rajakumari College of Nursing, believes that nursing is the caring profession and care for multicultural individuals, families and communities, through a heart of humanity and a caring relationship along with the creation of research and innovation, use of information technology, good consciousness of being global citizens towards the excellence for all lives following the aspirations of Professor Dr. Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana. It is to focus on teaching and learning processes that encourage learners to transform their learning that leads to profound changes through new experiences and novel worldviews with development to an expert who understand themselves and the world.

The Bachelor of Nursing Science Program (International Program) is the management of learning for change through experiences and reflection with critical thinking and exchanging of logical ideas to develop self-learning towards the change of worldview, aiming to develop graduates to have skills in research, analysis, synthesis, reflection, creativity, and ability to integrate the evidence-based research and technology in nursing practice according to professional standards and cross-cultural learning as leaders and developers with contribution to research and innovation. Graduates should be able to perform their profession independently according to the qualifications and skills of both domestic and international entrepreneurs towards the health needs of the global society and the consciousness of global citizenships.

1.2 Objectives of the curriculum

The curriculum aims to provide nursing education with academic and professional standards, focusing on the practically producing of graduates with knowledge, competency, morality, and ethics, theorically and in nursing., based on the philosophy of higher education and Princess Agra Rajakumari College of Nursing. After completion of the curriculum, all graduates must have the qualifications, Knowledge, and abilities as follows:

1) Provide comprehensive knowledge in nursing, medical science, and other related sciences, as well as public health problems.

2) Integrate nursing science and other related sciences, information technology, and up-to-date empirical evidences in nursing and midwives, caregivers, families, and communities

3) Incoperate intigrity, morals, and professional ethics, disciplines, responsibilities in professional practice, respectability to others and human dignity, as well as protection of the rights of patients / caregivers

4) Demonstrate commitment, confidence, and faith in nursing profession, with realizing on the importance of cooperation in professional corporate activities and having conscious mind as a nurse and a global citizen for the social benefits

5) Demonstrate ability to communicate (Globally Communication), with good human relations and effective interactions with caregivers and healthcare teams amidst of subtleties and multicultural differences

6) Demonstrate leadership skills to lead the changes, nursing innovation development, and entrepreneurship capabilities

7) Demonstrate critical, systematic, and reasonable thinking, with proper decisions to solve problems

8) Demonstrate knowledge interest and learning from practice towards self-improvement and continuous professional development

1.3 Relationship between the program learning outcomes (PLOs) and Thai Qualifications Framework for Higher Education (TQF)

1.3.1 Expected learning outcomes

PLO1: Incoperate nursing professionalism in nursing practice with Integrity, ethics, professional ethics, and global citizenship, with self-dedication as part of a member to share the mission of health

PLO2: Demonstrate comprehensive knowledge of nursing, midwifery, and other health-related sciences, with lifelong learning of new things

PLO3: Demonstrate creativity and critical thinking with appropriate decision-making and transformational leadership

PLO4: Integrate information technology in learning and nursing practice

PLO5: Utilize empirical evidences in nursing and midwifery practice with multicultural and entrepreneurial competence in healthcare services

PLO6: Apply and implement of research results and development of research or innovation in nursing

Classification of the expected performance learning outcomes of the curriculum

PLOs	Generic PLO	Subject Specific PLO
PLO1: Incoperate nursing professionalism in nursing practice with Integrity, ethics, professional ethics, and global citizenship, with self-dedication as part of a member to share the mission of health		✓
PLO2: Demonstrate comprehensive knowledge of nursing, midwifery, and other health-related sciences, with lifelong learning of new things		✓
PLO3: Demonstrate creativity and critical thinking with appropriate decision-making and transformational leadership	✓	
PLO4: Integrate information technology in learning and nursing practice	✓	
PLO5: Utilize empirical evidences in nursing and midwifery practice with multicultural and entrepreneurial competence in healthcare services		✓
PLO6: Implementation of research results and development of research or innovation in nursing		✓

Relationship between objectives and learning outcomes of the curriculum

Objectives	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
1. Provide comprehensive knowledge in nursing, medical science, and other related sciences, as well as public health problems.		✓				
2. Integrate nursing science and other related sciences, information technology, and up-to-date empirical evidences in nursing and midwives, caregivers, families, and communities		✓	✓	✓	✓	
3. Incoperate intigrity, morals, and professional ethics, disciplines, responsibilities in professional practice, respectability to others and human dignity, as well as protection of the rights of patients / caregivers	✓					
4. Demonstrate commitment, confidence, and faith in nursing profession, with realizing on the importance of cooperation in professional corporate activities and having conscious mind as a nurse and a global citizen for the social benefits	✓					
5. Demonstrate commitment, confidence, and faith in nursing profession, with realizing on the importance of cooperation in professional corporate activities and having conscious mind as a				✓	✓	

Objectives	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
nurse and a global citizen for the social benefits						
6. Demonstrate leadership skills to lead the changes, nursing innovation development, and entrepreneurship capabilities			✓		✓	✓
7. Demonstrate critical, systematic, and reasonable thinking, with proper decisions to solve problems			✓			
8. Demonstrate knowledge interest and learning from practice towards self-improvement and continuous professional development		✓				✓

1. Educational Management System

1.1 System

Educational management system is based on the tertiary curriculum standards of higher education. One academic year is divided into 2 semesters. One regular semester requires the study period of not less than 15 weeks.

Course credits

Theoretical courses: Teaching of theory, lecture, discussion or equivalent study shall be required 1 hour per week throughout the regular semester, but not less than 15 hours per semester, as equal to the study of 1 credit.

Practice and experiment courses: Teaching in practice, experiments, training/workshops, or equivalent study shall be required 2-3 hours per week throughout the regular semester, or about 30-45 hours per semester, as equal to the study of 1 credit.

Internships or field study training, or equivalent study: It shall be 3-6 hours per week throughout the regular semester, or approximately 45-90 hours per semester, as equal to the study of 1 credit.

1.2 Summer session

None

1.3 Credit equivalent to semester system

None

1. Curriculum Implementation

2.1 Date – Time of teaching schedule

- Theoritical courses: Monday – Friday, 08.00 am – 4.00 pm.
- Practical Courses: Monday – Sunday

Morning shift	08.00 am. – 04.00 pm.
Afternoon shift	04.00 pm. – 12.00 am.
Night shift	12.00 am. – 08.00 am.

Note   Theoritical and practical courses not more than 35 hours per week

– Duration of study: 4 years and not more than 8 academic years

2.2 Qualifications of prospective students

2.2.1 General qualifications

– Meet the standard qualifications for the bachelor's degree program in Nursing Science, B.E. 2560

– Comply with the regulations of Chulabhorn Royal Acedamy on the Bachelor's Degree Program, B.E. 2559

– Successfully complete High School in the Science stream or its equivalent, with accumulative GPA not less than 2.50

– Good behavioral manners and healthy, no disabilities that impede practice in the nursing and midwifery profession, and no severe color blindness

2.2.2 Specific qualifications

– Height not less than 150 centimeters and BMI not exceed 27 kilograms per square meter

– Passing the English language proficeiency test specified by the Faculty of Nursing , Princess Agra Rajakumari College of Nursing as follows:

TOEFL	Paper-based	score $\geq$ 500
	Computer-based	score $\geq$ 173
	Internet-based	score $\geq$ 64
IELTS		score $\geq$ 5.0
CU-TEP		score $\geq$ 60
TU-GET	Paper-based	score $\geq$ 500
	Computer-based	score $\geq$ 60

Note: Any other cases that do not meet the requirements will be considered under the discretion of the Faculty of Nursing , Princess Agra Rajakumari College of Nursing.

– Passing the GSAT - General Scholastic Aptitude Test as announced by the Council of University Presidents of Thailand

2.3 Problems that new students encounter when they start program (predictions)

2.3.1 Adaptation for the new form of learning in higher education

2.3.2 Economic problems with the cost of education

2.3.3 Difficulties in adaptation to English-based teaching among non-English speaking students

2.4 Strategies to solve problems in No. 2.3

2.4.1 Having advisors, instructors, mentors, and orientation for new students, with accessible services at all time

2.4.2 Providing scholarships and loans, with support for students to work in the college and do other specific jobs within educational institutions

2.4.3 Preparing an English language learning program for students before they start their studies

2.5 Educational system

Classroom Mode, Internet-Based Distance education, Field-based education, Laboratory, and E-learning Based

2.6 Transfer of credits, courses and cross university registration (If any)

In accordance with the rules of Chulabhorn Royal College regarding the Undergraduate Education, B.E. 2562

3. Curriculum and lecturers

3.1 Curriculum

3.3.1 Total number of 125 credits

3.3.2 Curriculum structure consists of 3 sections

Courses	Credits
1. General Education Courses	30
1.1 Natural sciences, mathemetics, innovation, information technology (IT) 9 credits	
1.2 Humanities and scial sciences 9 credits	
1.3 Languages and communications 9 credits	
1.4 Required courses 3 credits	
2. Program Core Courses	89
2.1 Pre-professional courses 16 credits	
2.2 Professional courses 73 credits	
2.2.1 Theoritical courses 37 credits	
2.2.2 Practical courses 36 credits	
3. Free Electives	6

2) Social sciences and Humanities   9   credits

Credit (Theoritical–Practical–Self-study)

CHINS 1106	Cultural diversity society	3 (3-0-6)
CHGE 7208	Thinking Skills and Life Skills	3 (2-2-5)
CHGE 7209	Laws for Living	3 (2-2-5)

3) Languages and Communications   9   credits

Credit (Theoritical–Practical–Self-study)

CHGE 7116	English for Communication	2 (1-2-3)
CHGE 7117	Academic Writing in English	2 (1-2-3)
CHGE 7218	English for Presentation	2 (1-2-3)
CHGE 7219	English for business and entrepreneurship	3 (3-0-6)

4) Required courses   3   credits

Credit (Theoritical–Practical–Self-study)

CHGE 7211	Building a Business and Career	3 (2-2-5)

3.1.4.2 Specific courses   89   credits
Specific courses   89   credits

1) Basic courses   16   credits

Credit (Theoritical–Practical–Self-study)

CHINS 1111	Medical microbiology and parasitology	1 (1-0-2)
CHINS 1213	Human physiology and pathophysiology for nursing	3 (3-0-6)
CHINS 1216	Introduction to evidence-based practice in nursing	1 (1-0-2)
CHINS 1317	Introduction to nursing research and innovation	3 (3-0-6)
CHAN 7202	Human Anatomy	3 (2-2-5)
CHPM 7205	Pharmacology	3 (3-0-6)
CHBC 7213	Biochemistry	2 (2-0-4)

2) Professional courses   73 credits
2.1) Theoritical courses   37 credits

Credits (Theoritical–Practical–Self-study)

CHINS 1118	Introduction to nursing profession and nursing science	2 (2-0-4)
CHINS 1121	Ethic and laws for nursing profession	2 (2-0-4)
CHINS 1219	Fundamental of nursing	3 (1-4-4)
CHINS 1220	Nursing process and health assessment	3 (1-4-4)

CHINS 1224	Child and adolescent nursing	3 (3-0-6)
CHINS 1225	Adult and gerontological nursing: Acute and chronic care	3 (3-0-6)
CHINS 1227	Gerontological nursing	1 (1-0-2)
CHINS 1234	Global health care	2 (2-0-4)
CHINS 1326	Adult and gerontological nurising: Critical care	2 (2-0-4)
CHINS 1328	Disaster and emergency nursing	2 (2-0-4)
CHINS 1330	Nursing in the community	2 (2-0-4)
CHINS 1332	Nursing and midwifery care for Maternity and newborn I	3 (3-0-6)
CHINS 1333	Nursing and midwifery care for Maternity and newborn II	3 (3-0-6)
CHINS 1422	Clinical nursing management and and trends in nursing profession	2 (1-2-3)
CHINS 1429	Mental health and psychiatric nursing	3 (3-0-6)
CHINS 1431	Primary medical care	1 (1-0-2)

2.2) Practical courses 36 credits

Credit (Theoritical–Practical–Self-study)

CHINS 9235	Fundamental of nursing practicum	2 (0-6-2)
CHINS 9237	Child and adolescent nursing practicum	4 (0-12-4)
CHINS 9238	Adult and gerontological nursing practicum: Acute and chronic illnesses	3 (0-9-3)
CHINS 9339	Adult and gerontological nursing practicum: Critical illnesses	3 (0-9-3)
CHINS 9341	Disaster and emergency nursing practicum	2 (0-6-2)
CHINS 9343	Community health nursing practicum	3 (0-9-3)
CHINS 9345	Nursing and midwifery care for Maternity and newborn practicum I	3 (0-9-3)
CHINS 9346	Nursing and midwifery care for Maternity and newborn practicum II	3 (0-9-3)
CHINS 9436	Clinical nursing management practicum	2 (0-6-2)
CHINS 9238	Adult and gerontological nursing practicum: Acute and chronic illnesses	3 (0-9-3)
CHINS 9440	Nursing practicum in long term care	2 (0-6-2)
CHINS 9442	Mental health and psychiatric nursing practicum	3 (0-9-3)
CHINS 9444	Primary medical care practicum	2 (0-6-2)
CHINS 9447	Comprehensive nursing practice in selected field	2 (0-6-2)
CHINS 9448	International nursing internship*	2 (0-6-2)

Note * = Students can choose the courses of their interest as follows: 1) Nursing and midwifery care for Maternity and newborn 2) Child and adolescent nursing 3) Adult nursing 4) Gerontological nursing 5) Management of emergency and disaster 6) Nursing for cancer patients

<table>
<tr><td>3.1.4.3 Free Electives</td><td>6</td><td>credits</td></tr>
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Credit (Theoritical–Practical–Self-study)

CHINS 1249	Transcultural nursing care	2 (2-0-4)
CHINS 1450	Independent study	2 (0-4-2)
CHGE 7301	Culture and Tourism	2 (1-2-3)
CHGE 7303	ASEAN Studies and Wisdom	2 (1-2-3)

3.1.5 Study Plan

1st Year Semester 1   Total 19 credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1106	Cultural diversity society	3 (3-0-6)
CHGE 7101	Information and Communications Technology for Learning	3 (2-2-5)
CHGE 7102	Science and Technology for Health	3 (2-2-5)
CHGE 7105	Thinking Like a Researcher	3 (2-2-5)
CHGE 7116	English for Communication	2 (1-2-3)
CHGE 7208	Thinking Skills and Life Skills	3 (2-2-5)
CHGE 7218	English for Presentation	2 (1-2-3)

1st Year Semester 2   Total 20 credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1111	Medical microbiology and parasitology	1 (1-0-2)
CHINS 1121	Ethic and laws for nursing profession	2 (2-0-4)
CHINS 1118	Introduction to nursing profession and nursing science	2 (2-0-4)
CHINS 1234	Global health care	2 (2-0-4)

CHGE 7117	Academic Writing in English	2 (1-2-3)
CHAN 7202	Human Anatomy	3 (2-2-5)
CHGE 7209	Laws for Living	3 (2-2-5)
CHBC 7213	Biochemistry	2 (2-0-4)
CHGE 7219	English for business and entrepreneurship	3 (3-0-6)

2nd Year Semester 1   Total 22 credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1213	Human physiology and pathophysiology for nursing	3 (3-0-6)
CHINS 1216	Introduction to evidence-based practice in nursing	1 (1-0-2)
CHINS 1219	Fundamental of nursing	3 (1-4-4)
CHINS 1220	Nursing process and health assessment	3 (1-4-4)
CHPM 7205	Pharmacology	3 (3-0-6)
CHGE 7211	Building a Business and Career	3 (2-2-5)
CHINS 1249	Transcultural nursing care (Elective I)	2 (2-0-4)
CHINS 1450	Independent study (Elective II)	2 (0-4-2)
CHGE 7301	Culture and Tourism(Elective III)	2 (1-2-3)

2nd Year Semester 2   Total 17 credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1225	Adult and gerontological nursing: Acute and chronic care	3 (3-0-6)
CHINS 1317	Introduction to nursing research and innovation	3 (3-0-6)
CHINS 9235	Fundamental of nursing practicum	2 (0-6-2)
CHINS 9238	Adult and gerontological nursing practicum: Acute and chronic illnesses	3 (0-9-3)
CHINS 1429	Mental health and psychiatric nursing	3 (3-0-6)
CHINS 9442	Mental health and psychiatric nursing practicum	3 (0-9-3)

3rd Year Semester 1   Total   15   credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1224	Child and adolescent nursing	3 (3-0-6)
CHINS 1227	Gerontological nursing	1 (1-0-2)
CHINS 1326	Adult and gerontological nursing: Critical care	2 (2-0-4)
CHINS 9237	Child and adolescent nursing practicum	4 (0-12-4)
CHINS 9339	Adult and gerontological nursing practicum: Critical illnesses	3 (0-9-3)
CHINS 9440	Nursing practicum in long term care	2 (0-6-2)

3rd Year Semester 2   Total   12   credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1332	Nursing and midwifery care for Maternity and newborn I	3 (3-0-6)
CHINS 1333	Nursing and midwifery care for Maternity and newborn II	3 (3-0-6)
CHINS 9345	Nursing and midwifery care for Maternity and newborn practicum I	3(0-9-3)
CHINS 9346	CHINS 9346 Nursing and midwifery care for Maternity and newborn practicum II	3 (0-9-3)

4th Year Semester 1   Total   12   credits

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1330	Nursing in the community	2 (2-0-4)
CHINS 1328	Disaster and emergency nursing	2 (2-0-4)
CHINS 1431	Primary medical care	1 (1-0-2)
CHINS 9341	Disaster and emergency nursing practicum	2 (0-6-2)
CHINS 9343	Community health nursing practicum	3 (0-9-3)
CHINS 9444	Primary medical care practicum	2 (0-6-2)

Course code	Courses	Credit (Theoritical–Practical–Self-study)
CHINS 1422	Clinical nursing management and and trends in nursing profession	2 (1-2-3)
CHINS 9436	Clinical nursing management practicum	2 (0-6-2)
CHINS 9447	Comprehensive nursing practice in selected field	2 (0-6-2)
CHINS 9448	International nursing internship	2 (0-6-2)

4th Year Semester 2   Total 8   credits

3.1.6 Course Descrption

3.1.6.1 General Education

1) Natural sciences, mathemetics, innovation,

information technology (IT)   9   credits

CHGE 7101 Information and Communications Technology   3 (2-2-5)
for Learning

Basic knowledge of data and information, hardware, computer maintenance, software, network, using the calculation programs, using the multimedia programs, creating infographic, using online services to support work, online database query, problem solving and flowchart writing, basic programming principles, online course implementation, electronic commerce, effects of computer on health, safety, ethics and laws in social network

CHGE 7102 Science and Technology for Health   3 (2-2-5)

The advancement of science and technology and social change from the past to the present, influence of ecological and environmental changes on technology development, the impact of science and technology on the environment and human health in society, relationship between technology, environment, animal health and human health, beliefs, science and society changing in the information age, aging society, direction of health technology development

CHGE 7105 Thinking Like a Researcher   3 (2-2-5)

Basic knowledge about research, quantitative and qualitative research, stages and research process, introduction writing guidelines, literature review, variables,

hypothesis, conceptual framework in research, research methodologies, fundamental statistics, uses of Microsoft Excel and package software for statistical data analysis in research, application of statistics in daily life

<div align="center">2) Social sciences and Humanities   9   credits</div>

CHGE 7208 Thinking Skills and Life Skills   3 (2-2-5)

Fundamentals of thinking, analytical skills, synthetic thinking, creative thinking, thinking skills practices, systematic thinking, holistic thinking, reasoning, information-seeking skills, management and entrepreneurship, leadership, teamwork, communication, motivation, decision making, conflict management, social etiquette

CHGE 7209 Laws for Living   3 (2-2-5)

General knowledge about law in daily life, introduction to law, principles of fundamental rights and freedoms under constitutional law, justice, law enforcement, civil and commercial law, criminal law in daily life, human rights, concepts of good governance

CHINS 1106 Cultural diversity society   3 (3-0-6)

Cultural diversity; cultures and globalization; study and analysis of multiculturalism, cultural challenges and biases, impact of cultural changes on society and human way of life

<div align="center">3) Languages and Communications   9   credits</div>

CHGE 7116   English for Communication   2 (1-2-3)

Self-introduction, English language and cultures, dialogue building, asking and giving directions, writing stories from outline, letter writing, memo writing, notice, agenda, minutes, designing a resume, welcome speech, welcome address

CHGE 7117   Academic Writing in English   2 (1-2-3)

Introduction about academic writing, writing a paragraph and essay, accuracy in writing; paraphrasing; summarizing; references; abbreviations and punctuation, writing essay planning, writing research essay, writing abstract

CHGE 7219   English for business and entrepreneurship   3 (3-0-6)

Principles and techniques of using English in business and entrepreneurship, business communication, providing information and giving advices, negotiation, entertaining clients, business etiquettes

CHGE 7218   English for Presentation   2 (1-2-3)

Basic principles of developing and delivering effective writing and oral presentations, exploring techniques for opening and closing presentation, understanding the structure of a good presentation, understanding the importance of a strong voice, using the proper voice for different kinds of presentations, developing clear and audible structures, engaging and gauging audience, using effective techniques, choosing and designing visual aids, using technical assistance, grammar and techniques for storytelling, presentation techniques during questions and answer sessions, presentation techniques in panel discussions

4) Required courses   3   credits

CHGE 7211   Building a Business and Career   3 (2-2-5)

Fundamentals of economics, entrepreneurship, general management principles, principles of marketing and public relations, finance and accounting, business strategies, ethics and laws in business, business model, simulated business

3.1.6.2 Specific Courses   89   credits

1) Basic courses   16   credits

CHINS 1111   Medical microbiology and parasitology   1 (1-0-2)

Concept and principle of medical microbiology, physiology of microorganisms and parasits, life cycle of pathogens, spread of pathogens infections, pathogenesis, mechanisms and immune respond to germs

CHAN 7202   Human Anatomy   3 (2-2-5)

Cellular compositions and their functions. Structures of epithelial and connective tissues. skeletal system, cartilages, articulations, skin, muscular system, central and peripheral nervous systems, autonomic nervous system, cardiovascular system, respiratory system, digestive system, urinary system, male and female reproductive systems, endocrine system

CHINS 1213 Human physiology and pathophysiology for nursing 3 (3-0-6)

Concepts and principles of cell, tissue, organ functions in human body, mechanism of maintaining homeostasis; dysfunctions of human body, growth and development, infection, defensive process, cardiovascular and pulmonary response, metabolism, hydration, elimination, physical injury, perception and congnition problems

CHBC 7213 Biochemistry 2 (2-0-4)

Basic biochemistry, cell and cell component, types and properties of carbohydrates, lipids, proteins, nucleic acids, vitamins, nutrition and hormones, metabolism of biomolecules, relation between metabolic pathways, metabolic disorders of biomolecule

CHPM 7205 Pharmacology 3 (3-0-6)

Basic of pharmacology, drug administration, pharmacodynamics, pharmacokinetics, new drug valuation, anti-infective agent, drugs used in the treatment of diseases in according to human body systems: cardiovascular system, endocrine system, reproductive system, respiratory system, urinary system, digestive system and nervous system, drugs that affect erythropoiesis system, chemotherapy, autacoids and anti-inflammatory drugs, drugs that alter the immune system functions, pharmacogenomics, alternative medicine, pseudoscience

CHINS 1216 Introduction to evidence-based practice in nursing 1 (1-0-2)

Concepts and principles of evidence-based nursing practice; identification of clinical practice issues, appraisal; integration and utilization of current evidence-based in nursing practices

CHINS 1317 Introduction to nursing research and innovation 3 (3-0-6)

Basic concepts in research; nursing research process, identification of problem, literature review, identification of conceptual frameworks, research methodology; nursing innovation processes, reseach utilization in nursing

2) Professional Courses 73 credits

2.1) Theoritical courses 37 credits

CHINS 1118 Introduction to nursing profession and nursing science 2 (2-0-4)

Discipline; discipline of nursing, metaparadigm of nursing, philosophy of nursing, conceptual model of nursing; patterns of knowing in nursing; development of nursing profession; healthcare system; autonomy of nursing profession; self governance in nursing; nursing organization

CHINS 1219 Fundamental of nursing 3 (1-4-4)

Principles and techniques of fundamental nursing; fundamental nursing care interventions in dependent clients, care provide to meet basic needs in nutrition, elimination, mobility, hygiene, medication administration; fundamental nursing care interventions in acute and critically ill patients, patient's safety across the lifespan, evidence-based practice in fundamental nursing

CHINS 1220 Nursing process and health assessment 3 (1-4-4)

Concept and principles of nursing process; holistic Health assessment, history taking, physical examination, interpretation of laboratory test and special examination, nursing diagnosis; nursing documentation; application of nursing process

CHINS 1121 Ethic and laws for nursing profession 2 (2-0-4)

Ethic of nursing; ethical dilemma, ethical decision making; professional nursing and midwifery law, laws related to nursing profession; code of ethics; patients' rights; legal and ethical issues in nursing and midwifery

CHINS 1422 Clinical nursing management and trends 2 (1-2-3)
in nursing profession

Concepts and principles in clinical nursing management; quality and safety in health care; issues and trends in nursing profession

CHINS 1224 Child and adolescent nursing 3 (3-0-6)

Concepts and related sciences of child and adolescent nursing, family centered care; assessment of growth and development; child and adrolescent nursing care in

wellness, risk condition, acute, critical, chronic illness, end-of-life stage, evidence-based practice in child and adrolescent nursing care

CHINS 1225 Adult and gerontological nursing:

                  Acute and chronic care   **3 (3-0-6)**

Concepts of healthcare for adults and older adults with acute and chronic illness, palliative care; nursing care of medical-surgical adult patients with acute and chronic illness, nursing intervention for promoting health, reducing risk of illness, evidence-based practice in nursing care of adults and older adults with acute and chronic illness

CHINS 1227 Gerontological nursing   **1 (1-0-2)**

Concepts and theories of gerontological nursing; holistic care for older adults, common health problems in , medication use; continuity of care for older adults; long term care; ethical issues; evidence-based practice in gerontological nursing

CHINS 1326 Adult and gerontological nursing: Critical care   **2 (2-0-4)**

Concepts of healthcare for adults and older addults with critical illness; the human response to life threatening illnesses, advanced medical technology for critical care, evidence-based practice in the nursing management of the critically ill adults and older adults

CHINS 1328 Disaster and emergency nursing   **2 (2-0-4)**

Concepts of natural, chemical, biological disaster management in international scenarios, mass casualty management; evidence-based practice in nursing management in airway, breathing, circulation and disability problems

CHINS 1429 Mental health and psychiatric nursing   **3 (3-0-6)**

Concepts, theories, laws related to mental health and psychiatric nursing; promotion, prevention, rehabilitation for mental health and psychiatric disorders; mental health and psychiatric nursing therapeutics; risk management; psychiatric emergency; continuing care; evidence-based practice in mental health and psychiatric nursing

CHINS 1330   Nursing in the community   2 (2-0-4)

        Concepts of community health nursing; community nurses' role and responsibility; community health system; community health nursing process and interventions; caring for individuals with health risks and illnesses in the family and community; continuity care; school health; occupational health services; evidence-based practice in community health nursing

CHINS 1431   Primary medical care   1 (1-0-2)

        Primary medical care concepts and principles; comprehensive assessment for differential diagnosis, diagnosis, primary medical care in common disease and illness, medical recording; referral and follow up; evidence-based practice in primary medical care

CHINS 1332   Nursing and midwifery care for   3 (3-0-6)
             Maternity and newborn I

        Related health system policies, vital statistics and health problems, right and advantages relevant to maternal-newborn care; fertilization and pregnancy; anatomical, physiological and psychosocial changes of normally pregnant women during antenatal, intranatal, and postnatal periods; mechanism of labour, labour process; care for women and families in pre-marital, pre-conception, antenatal, intranatal, and postnatal periods, care for normal newborn, nurses' and midwife's roles

CHINS 1333   Nursing and midwifery care for   3 (3-0-6)
             Maternity and newborn II

        Principles of care for pregnant women experiencing risks and complications during antenatal, intranatal, and postnatal periods; infertility; abnormal pregnancy and birth, issues and trend in maternal-newborn nursing and midwifery, nurse-midwife's roles in caring for pregnant women, family, fetus and newborns experiencing risks and complications, evidence-based practice in pregnant women experiencing risks and complications

CHINS 1234   Global health care   2 (2-0-4)

        Global health issues, global health security; concepts of one health, health promotion; basic concepts in epidemiology; factors affect health security, humanitarian

crises, the growing burden of noncommunicable diseases, migrant workers' health, global health care disparities

2.2) Practical courses   36   credits

CHINS 9235 Fundamental of nursing practicum   2 (0-6-2)

Clinical fundamental nursing practice in dependent patients, acute and critical patients, patient's safety, evidence-based utilization in fundamental nursing practice

CHINS 9436 Clinical nursing management practicum   2 (0-6-2)

Clinical nursing and health care business management practice, decision making, problem-solving in quality and safety in health care, evidence-based utilization in nursing management practice

CHINS 9237 Child and adolescent nursing practicum   4 (0-12-4)

Child and adolescent nursing practicum in wellness, risk condition, acute, chronic illness, end of life, family-centered care, evidence-based utilization in child and adolescent nursing practice

CHINS 9238 Adult and gerontological nursing practicum: 3 (0-9-3)
            Acute and chronic illnesses

Practice nursing for adults and older adults with acute and chronic medical-surgical illness, utilization of evidence-based nursing practices in acute and chronically ill adults and older adults

CHINS 9339 Adult and gerontological nursing practicum: 3 (0-9-3)
            Critical illnesses

Practice nursing for adults and older adults with critical illness, using advanced medical technology for critical care, utilization of evidence-based nursing practices in critically ill adults and older adults

CHINS 9440 Nursing practicum in long term care   2 (0-6-2)

Long term care nursing practicum in caring for institutionalized older adults, continuity of care in long term care, collaboration with multi-professional, evidence-based utilization in long term care

CHINS 9341   Disaster and emergency nursing practicum   2 (0-6-2)

       Nursing practicum in natural, chemical, biological, international disaster scenario management both pre-hospital settings and in emergency units, evidence-based utilization in disaster and emergency nursing practice

CHINS 9442   Mental health and psychiatric nursing practicum   3 (0-9-3)

       Holistic nursing practice for a person with mental and psychiatric disorder, nursing care for patients receiving biological treatment, psychosocial treatment, promotion of patients and families, self-care, providing continuing care, evidence-based utilization in mental and psychiatric nursing practice

CHINS 9343   Community health nursing practicum   3 (0-9-3)

       Practice in community health nursing in variaties of community health care context, school health, family nursing care, continuing care service delivery, evidence-based utilization in community health nursing practice

CHINS 9444   Primary medical care practicum   2 (0-6-2)

       Primary medical care practice, comprehensive assessment, differential diagnosis, diagnosis, medical and nursing intervention, documentation, referral and follow up, evidence-based utilization in primary medical care practice

CHINS 9345   Nursing and midwifery care for   3 (0-9-3)
          Maternity and newborn practicum I

       Holistic practice in maternal-newborn and family nursing for normal pregnancy throughout delivery and postpartum; antenatal clinic; conduct normal deliver; breastfeeding promotion; bonding and attachment of mothers, newborns and families, counseling of parent roles adaptation and child rearing, family planning and contraceptive services, evidence-based utilization in nursing and midwifery practice

CHINS 9346 Nursing and midwifery care for   3 (0-9-3)
          Maternity and newborn practicum II

       Holistic nursing and midwifery practice in women with risks and complication during antepartum, intrapartum, and postpartum period, care for women with operative obstetrics, newborn resuscitation, care for women and family with perinatal loss,

evidence-based utilization in nursing practice of pregnant women at risks and complication

CHINS 9447   Comprehensive nursing practice in selected field   2 (0-6-2)

Nursing Practice according to the nurse role in health services in the selected field, evidence-based utilization in the selected field of nursing practice

CHINS 9448   International nursing internship   2 (0-6-2)

An intensive oversea internship practice with a nurse preceptor, develop international nursing skills, gain and reflect internship experiences

3.1.6.3 Free Electives   6   credits

CHINS 1249   Transcultural nursing care   2 (2-0-4)

Concepts and theories of transcultural care; transcultural healthcare; diverse cultural perspectives in heath and illness; culturally competent care; diverse values, beliefs, culturally sensitive; nurses' roles in transcultural care

CHINS 1450   Independent study   2 (0-4-2)

Explore a topic of interest under the close supervision of a faculty member, searching evidences, directed readings, applied work, carrying out an independent research project, carrying other activities deemed appropriate, project presentation

CHGE 7301   Culture and Tourism   2 (1-2-3)

Concept of culture, culture both in the country and abroad, exchange and change of culture through tourism, principles of tourism management, the importance of tourism, tourism policies, inno-life of tourism

CHGE 7303   ASEAN Studies and Wisdom   2 (1-2-3)

ASEAN community, historical background, political geography, economy, society and culture of ASEAN member countries, wisdom, analysis of social context, culture of ASEAN, geography of ASEAN regions that affect the creation of wisdom

Table of Relationship between the expected performance learning outcomes (PLOs) and

Thai Qualifications Framework for Higher Education (TQF)

Learning outcome	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
1. Morality and Ethics						
1.1 Ability to analyze, decide, and deal with moral and ethical conflicts related to academic, research, and profession, taking into account of the impact on oneself and others	✓					
1.2 Morals and ethics in academic, research, and profession	✓				✓	✓
2. Knowledge						
3.1 Knowledge and understanding of principles, theories, and other related sciences		✓				
3.2 Knowledge and understanding of principles, theories, and sciences in nursing and midwifery		✓			✓	
3.3 Knowledge of research methodology and evidence-based nursing practice				✓		✓
3. Cognitive skills						
3.1 Systematic search for data and empirical evidences				✓		
3.2 Ability to analyze nursing problems by applying knowledge in nursing and related fields, as well as research processes to systematically solve the problems			✓		✓	✓
3.3 Integration of knowledge in nursing, other related fields, and empirical evidences for nursing planning to solve clinical problems and improve nursing quality			✓	✓	✓	✓

Learning outcome	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
3.4 Creativeness / positive thoughts			✓			
3.5 Eagerness to know and develop oneself continuously		✓				
3.6 Capability to carry out basic research projects						✓
4. Interpersonal skills and responsibilities						
4.1 Responsible for individual and group assignments	✓					
4.2 Ability to build relationships and adapt to work with others based on cultural differences					✓	
4.3 Building a professional relationship with service recievers					✓	
4.4 Planning and taking responsibility for self-learning and development		✓				
4.5 Demonstration of good leadership and followership skills in various situations			✓			
4.6 Coordination and cooperation with the health team of multidisciplinary or networks					✓	
5. Numerical Analysis, Communication, and Information Technology Skills						
5.1 Ability to identify, access, and select data sources and empirical evidences				✓		
5.2 Integration of statistical and mathematical techniques in data analysis						✓
5.3 Use of information technology to manage, analysis, interpret, and present data information				✓		

Learning outcome	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
5.4 Effective communication in speaking, writing, and presenting with appropriate information technology				✓	✓	✓
6. Professional practice skills						
6.1 Ability to perform activities Nursing to meet basic and / or needs arising from illness And evidence-based treatment processes				✓	✓	
6.2 Ability to perform nursing activities taking into account of the safety to service receivers, with rational drug use and nursing quality			✓		✓	
6.3 Use of medical and nursing technology, with adaptation to the distructive technology changes			✓	✓		
6.4 Ability to teach and provide counseling to patients, service users, and health personnel in the health team					✓	
6.5 Provision of nursing and midwifery with heart, humanity, and multiculturalism	✓				✓	
6.6 Application of entrepreneurship knowledge in the management of health-related businesses		✓	✓		✓	