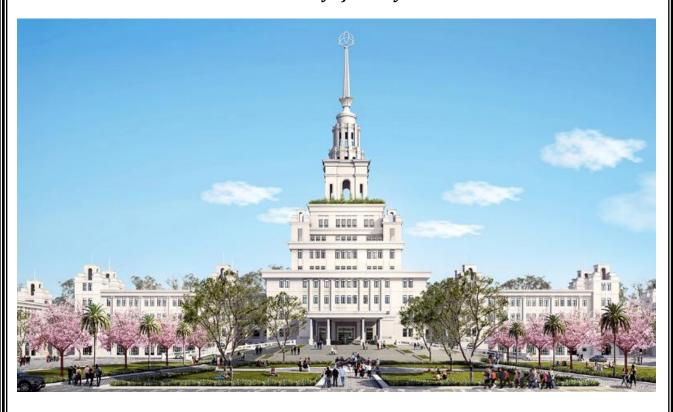# VINUNIVERSITY

CURRICULUM FRAMEWORK

PROGRAM CODE: 7720301

BACHELOR OF NURSING

Applicable for Cohort 2024-2028 from Academic Year 2024-2025

(Decision No. 486a/2024/QĐ-VUNI, Dated: 09/9/2024, by the Provost of VinUniversity)

*This curriculum framework has been reviewed and validated by
The University of Pennsylvania*

Records of change

Version	Published date	Effective date	Approved by	Description of changes
1.0	09/09/2024	09/09/2024	***Developed by***: Curriculum Review Taskforce ***Reviewed by***: Nursing Program Committee, College Vice Dean; VinUni Scientific and Educational Committee. ***Approved by***: Provost	First release for Cohort 5

TABLE OF CONTENTS

1. Graduate Attributes

Generic graduate attributes are set of skills, attributes and values that all learners should achieve regardless of discipline or field of study; should be measurable and broad. The core value of VinUni is EXCELLENCE and Generic Graduate Attributes for VinUni are E.X.C.E.L as listed as below:

- E: Empathy – sense other people's emotions, understand others without judgement.
- X: Exceptional Capability – exceptional capabilities and competencies that are proven determinants of future success.
- C: Creativity – Perceive the world in new ways, make connections, generate solutions
- E: Entrepreneurial Mindset – Overcome challenges, be decisive, accept responsibility, be impactful for the society.
- L: Leadership Spirit – Motivate and influence people to act toward achieving a common goal.

2. Program Overview

2.1. Program Description

Name of the program degree	Bachelor of Nursing
Program duration	4 years full time
Total credits	126 credits (without minor and independent study) 146 credits (with minor and independent study)

2.2. Program Mission

The program aims to educate nurses, who:
- Provide quality, evidence-based, and <u>humanistic nursing services</u> for various populations and in various settings.
- Continually strive to learn/enquire, updating themselves with new knowledge and skills, to be able to <u>work collaboratively and effectively with others</u>.
- Are <u>active agents for change</u> in their institutions by demonstrating professional competencies, leadership, and morals.
- Are prepared to be leaders of nursing systems, nationally and internationally in the future.

2.3. Program Student Learning Outcomes

At the completion of this BN program, a student will:

1. Synthesize nursing knowledge and the liberal arts as a basis for professional nursing practice.
2. Demonstrate effective communication, collaboration, professional judgment, and ethical decision-making in all actions.
3. Provide high-quality, evidence-based, safe, humanistic nursing services to individuals, families, groups, and communities.
4. Contribute to the culture of mutual respect for diversity in identities and lifeways of individuals, families, communities, and colleagues.
5. Act as the agent for change by fostering one's own and others' professionalism, leadership, spirits of inquiry, and continuing development.

2.4. Professional Competency Standard

COMPETENCY STANDARDS OF VINUNI NURSE GRADUATES

DOMAIN 1: PATIENT CARE COMPETENCIES
Competency 1: Demonstrate knowledge base on the health/illness status of individuals, families and communities
Competency 2: Provides sound decision of care appropriately to the patients/clients
Competency 3: Set up priority nursing care based on health needs of the patient
Competency 4: Utilize the nursing process as a framework for nursing care plans
Competency 5: Promotes safety, comfort and privacy for patients
Competency 6: Administer medication safely and effectively
Competency 7: Performs proper care techniques following nursing process
Competency 8: Ensure continuity of care
Competency 9: Performs first aid and acts on emergencies
Competency 10: Establish rapport with clients/patients, families and other member of the health care team
Competency 11: Communicates with patients/clients and families effectively
Competency 12: Utilizes formal and informal channels to facilitate communicating with patients/clients, families, communities
Competency 13: Provide information on patient's health status appropriately and effectively
Competency 14: Determines needs and performs health education for patients, families and groups
Competency 15: Collaborate with colleagues and other member of health care team
DOMAIN 2: MANAGEMENT AND PROFESSIOAL DEVELOPMENT COMPETENCIES
Competency 16: Manages, update and use client's document following rules
Competency 17: Manages patient/client care
Competency 18: Manage, operate and maintain medical equipment effectively
Competency 19: Utilize appropriate and effective resources to provide care
Competency 20: Establish the safe and effective working environment
Competency 21: Improve quality of care and risk management in health care setting
Competency 22: Performs nursing research and evidence based practice
Competency 23: Maintains and develops personal and colleague abilities
DOMAIN 3: LEGAL AND ETHICS COMPETENCIES
Competency 24: Adheres to practice in accordance with the law and other legislation documents
Competency 25: Adheres to practice in accordance with ethic-moral responsibilities

3. Curriculum structure

3.1 Curriculum Composition

No.	Curriculum Components	Number of Credits	Credit Distribution (%/Total Credits)
I	**VinCore**	**33**	**26%**
1	Character	08	
2	Career	10	
3	Connections	15	
II	**Professional Education**	**88**	**70%**
1	Pre-clinical Courses	36	
2	Clinical Courses	39	
3	Supporting Courses	8	
4	Elective Courses	5	
III	**Final Practicum**	**5**	**4%**
IV	**Minors and Independent study**		
1	Optional Minors	15	
2	Independent Study (research project)	5	
	Total credits for student without a Minor and/or Independent Study (I+ II + III)	**126**	**100%**
	Total credits for student with a Minor and/or Independent Study (max allowed credit hours) (I+ II + III + IV)	**146**	

Notes: Students must complete 126 credit hours to graduate from the Bachelor of Nursing Program. Students are allowed to take Minor program (15 credit hours) or/and Independent Study (5 credit hours) with a maximum total of 20 credit hours to gain extensive knowledge (optional).

3.2 Courses and Credit Distribution by Courses

3.2.1. VinCore

PLO	Block	Course	Credits	Obligatory	Selective
1.1	Enterprise and Innovation (4 credits)	ENTR1022 Agile Innovation and Entrepreneurship	2	x	
		IDEA1010/11/12... Big Ideas	2	x	
1.2	Leadership Mindset (2 credits)	LEAD1031 Leadership and Teambuilding Bootcamp	2	x	
1.3	Civic Responsibility (2 credits)	VCOR1030 National Defense Education[1]	165 hours	x	
		LAW1010 Introduction to Law	2	x	

PLO	Block	Course	Credits	Obligatory	Selective
1.4	Ethics (2 credits)	CAS2010 Applied Ethics	2		x
		MANA3021 Business Ethics	2		x
		NURS3240 Healthcare Ethics (2)	2		x
		TECH1010 Technology Ethics	2		x
1.5	Community Service Learning	COSL1010 Community Service Learning	45 hours	x	
2.1	Working with the Brain (2 credits)	THINK1010 Critical and Creative Thinking	2	x	
2.2.	Working with Technology (4 credits)	CECS1031 Computational Thinking	2	x	
		CECS1050 Introduction to Data Literacy	2		x
		CECS1040 Introduction to AI Literacy	2		x
2.3	Working with Others (4 credits)	ENGL1030 Academic and Professional Writing	2	x	
		ENGL1040 Interpersonal and Multimedia Communication	2		x
		CBM-X Introduction to Managing Skills	2		x
2.4	Working with the Self	VCOR1012A/B OASIS	45 hours	x	
		VCOR1021/22 Healthy Lifestyle	45 hours	x	
2.5	Internship	Internship	1 term	x	
3.1	Integrated Vietnam Studies (11 credits)	HASS1010 Marxism Leninism Philosophy (Philosophy, Science and Society)	3	x	
		HASS1020 Marxism-Leninism Political Economy (Global Political Economy)	2	x	
		HASS1030 Scientific Socialism (Politics and Social Change)	2	x	
		HASS1041/42 Ho Chi Minh Ideology (Vietnam History and Culture II)	2	x	
		HASS1050 History of the Communist Party (Vietnam History and Culture I)	2	x	
3.2	Sustainability and Global Citizenship (2 credits)	HASS1070 Cross-Cultural Navigation	2		x
		HASS1100 Introduction to International Relations	2		x
		CECS-X Humans and Environmental Intelligence	2		x
		CAS-X Social Science and Sustainability	2		x
		UROP (Undergraduate Research Opportunity Program)/Independent Student Project	2		x
3.3	Creative Arts (2 credits)	ARTS1030 Arts Appreciation and Application	2		x
		PERF1010 Artistic Performance and Application	2		x
3.4	Global Experience	Study Abroad	N/A		x
Total No. of Credits			**35**		

Notes:

- *For international students:*
  - International students are required to take ideology courses, including History of the Communist Party, Ho Chi Minh Ideology, Scientific Socialism, Marxism-Leninism Political Economy, Marxism-Leninism Philosophy (In line with Decision No. 494/QĐ-TTg, issued on June 24, 2002, by the Prime Minister).
  - International students are exempted from National Defense Education (in line with Circular 30/2018/TT-BGDĐT issued by the Ministry of Education and Training on December 24, 2018). Students may select other alternative courses (ie. Vietnam: History and Cultures I/II; Vietnamese Language; or other electives); to meet the required credits for graduation (at least 120 credits for a 4-year program and at least 180 credits for a 6-year program).

- *The NURS3240 Healthcare Ethics of Block Ethics is the mandatory course of the BN program. Students who accumulated the credits of this course (is their professional component) meet VinCore's Ethics requirements. Therefore, the total number of VinCore's credit hours to be completed for BN students is 33, instead of 35 as it is deducted by 2 credit hours of the NURS3240 Healthcare Ethics.*

- *The following courses are also permitted as options for fulfilling some blocks in VinCore for academic year 2024-2025:*

PLO	Block	VinCore Course	Alternative Courses
1.3.	Civic Responsibility	LAW1010 Introduction to Law	LAW2010 Business Law LAW3010 Engineering and Computing Law
1.4.	Ethics	NURS3240 Healthcare Ethics	MEDI1010B Introduction to Professionalism in Medicine
2.1	Working with the Brain	THINK1010 Critical and Creative Thinking	MEDI4000 Transition to Clinical Training
2.2.	Working with Technology	CECS1031 Computational Thinking	COMP1010 Introduction to Programming BIOL1020 Bioinformatics NURS2220 Health Informatics
		CECS1050 Introduction to Data Literacy	ISSS1010 Statistics for Social Sciences STAT2020 Business Statistics MATH2010 Probability and Statistics MEDI1020A/B Fundamentals of Population and Health Research 1: Introduction to Epidemiology and Public Health
2.3.	Working with Others	Whole block	ENGL1011 Fundamentals of Academic Writing
3.3	Creative Arts	Whole block	ARTS1010 Art Appreciation MUSI1010 Music Appreciation ARTS1020A/B Medical Humanities

3.2.2. Professional Education

No	Course Code	Name of Courses	Total CR	Credit Distribution		
				Theory	Lab	Clinics
I		**Professional Education**	**89**			
I.1		**Preclinical Courses**	**36**			
1.	NURS1000	Basic Sciences for Healthcare	3	2	1	
2.	NURS1090	Human Anatomy & Physiology	5	3	2	
3.	NURS2100	Pathophysiology & Pharmacology 1	3	2	1	
4.	NURS2160	Pathophysiology & Pharmacology 2	3	2	1	
5.	NURS1110	Biogenetics, Microbiology & Parasitology	5	3	2	
6.	NURS2120	Biochemistry & Normal Nutrition	3	2	1	
7.	NURS2181	Biochemistry & Clinical Nutrition	2	1	1	

No	Course Code	Name of Courses	Total CR	Credit Distribution		
				Theory	Lab	Clinics
8.	NURS1030	Introduction to Professional Nursing Practice 1	3	2	1	
9.	NURS1070	Introduction to Professional Nursing Practice 2	3	2	1	
10.	NURS1120	Psychology and Communication Skills in Nursing Practice	3	2	1	
11.	NURS3300	Nursing Research	3	2	1	
I.2		**Clinical Courses**	**39**			
12.	NURS3010	Adult Nursing 1	4	2	2	
13.	NURS3011	Adult Nursing Clinical Practice 1	4			4
14.	NURS3020	Adult Nursing 2	4	2	2	
15.	NURS3021	Adult Nursing Clinical Practice 2	4			4
16.	NURS3231	Psychiatric Nursing	4	1	2	1
17.	NURS3280	Nursing of Children	4	1	1	2
18.	NURS3290	Obstetric and Gynecologic Nursing	4	1	1	2
19.	NURS4320	Nursing Care of Older Adults	3	1	0	2
20.	NURS4300	Emergency and Intensive Nursing Care	3	1	0	2
21.	NURS4311	Community Health Nursing	2	1	0	1
22.	NURS4370	Communicable Disease Nursing	3	1	0	2
I.3		**Supporting Courses**	**8**			
23.	NURS2150	Health Promotion and Health Education	2	1	1	0
24.	NURS3240	Healthcare Ethics	2	2	0	0
25.	HESP3042	Health Economics-Health Systems-Health Policy & Law	2	1	1	0
26.	NURS4341	Nursing Leadership and Management	2	1	1	0
I.4		**Elective Courses**	**5**			
27.	NURS4390	Palliative Care	2	1	0	1
28.	NURS4400	Disaster Preparedness Nursing	2	1	0	1
29.	HQIS4052	Healthcare Quality Improvement and Safety	2	2	0	0
30.	NURS4380	Traditional Medicine	2	1	0	1
31.	STAT1030	Probability - Statistics and Epidemiology	3	2	1	
32.	NURS2220	Health Informatics	4	3	1	
33.	CHS1010	Qualitative Research Methodology in Health	2	1	1	
34.	NURS4020	Evidence-based Practice in Nursing	2	1	1	
II		**Graduation Practicum**	**5**			
35.	NURS4410	Transition to Professional Nursing Practice	5	0.5	1.5	3
III		**Courses in minor programs** [3]	**15**	15		
IV		**Independent study (research project)** [4]	**5**	5		

Notes:

- [3] There are two minors offered only to nursing students including: Health Services Management (by CBM) and Computer Science for Health Care Professional (by CECS) (refer to the guideline of minor offering for more information).
- [4] Students can do a research project before graduation to gain advanced skills and knowledge in their area of interest.

3.3 Curriculum Planner

3.3.1 Curriculum- Year Planner [AY24-25 onward]

Semester	No	Courses	NURSING PROGRAM				
			Total CR #	Theory	SIM	Lab	Clinics
		VinCore	**33**	**33**			
		Following structure of the VinCore program					
		Year 1	**19**	**12**	**1**	**6**	**0**
S1	1	Basic sciences for healthcare	3	2		1	
	2	Human Anatomy & Physiology	5	3		2	
S1+S2	3	Psychology and Communication Skills	3	2	1		
S2	4	Biochemistry and Normal Nutrition	3	2		1	
	5	Biogenetics, Microbiology & Parasitology	5	3		2	
		Year 2	**22**	**16**	**2**	**4**	**0**
S3	6	Pathophysiology and Pharmacology 1	3	2		1	
	7	Introduction to Professional Nursing Practice 1	3	2	1		
	8	Biochemistry and Clinical Nutrition	2	1		1	
S3+S4	9	Nursing research	3	2		1	
S4	10	Pathophysiology and Pharmacology 2	3	2		1	
	11	Introduction to Professional Nursing Practice 2	3	2	1		
	12	Healthcare Ethics	2	2			
	13	Elective courses	3	3			
		Year 3	**26**	**11**	**4**	**2**	**9**
S5	14	Adult Nursing 1	4	2	2		

Semester	No	Courses	NURSING PROGRAM				
			Total CR #	Theory	SIM	Lab	Clinics
	15	Adult Nursing Practice 1	4				4
	16	Health Promotion and Health Education	2	1		1	
S5+S6	17	Health Economics-Health Systems-Health Policy & Law	2	1		1	
S6	18	Adult Nursing 2	4	2	2		
	19	Adult Nursing Practice 2	4				4
	20	Community Health Nursing	2	1			1
	21	Nursing Leadership and Management	2	2			
	22	Elective courses	2	2			
		Year 4	**26**	**6.5**	**5.5**	**0**	**14**
S7	23	Obstetric and Gynecologic Nursing	4	1	1		2
	24	Nursing of Children	4	1	1		2
	25	Nursing Care of Older Adults	3	1			2
	26	Communicable Disease Nursing	3	1			2
S8	27	Emergency and Intensive Nursing Care	3	1			2
	28	Psychiatric Nursing	4	1	2		1
	29	GRADUATION PRACTICUM - Transition to Professional Nursing Practice	5	0.5	1.5		3
Total CR			**126**	**78.5**	**12.5**	**12**	**23**
	30	Independent study (Focus on research)	5	5			
	31	Minor Program Courses	15	15			
Up to Total CR for Research focus			**131**	**83.5**	**12.5**	**12**	**23**
Up to Total CR for Minor Program			**141**	**93.5**	**12.5**	**12**	**23**
Up to Total CR for both Research and Minor Program			**146**	**98.5**	**12.5**	**12**	**23**

3.3.2. Course Descriptions

VINCORE

Agile Innovation and Entrepreneurship   **ENTR1022**
Credit: 2
Pre-requisite: None
On successful completion of this course, students will be able to:
1. Explain how an entrepreneurial mindset supports and accelerates innovation and growth in the contexts of businesses, industries, and countries.
2. Evaluate the multifaceted nature of entrepreneurship in Vietnam and internationally, and how it impacts the economy, society, and environment. Have access to insights on VinGroup's governance principles (the 6 Hóa).
3. Recommend strategies to evaluate the entrepreneurial mindset, values, and behaviors, and to further develop the entrepreneurial mindset, both individually and organizationally.
4. Grow your own entrepreneurial mindset and innovation-related skills, including identifying and evaluating opportunities, taking calculated risks, solving problems creatively, communicating effectively, and influencing stakeholder groups.
5. Demonstrate the ability to work productively in teams to collaboratively explore opportunities, generate ideas, and find and communicate solutions to a predefined challenge during the course hackathon.

Big Ideas   **IDEA1010**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Describe and explain a "big idea", which may be a new solution to a problem, a disrupting technology, or an innovative method or way of doings things
2. Identify the implications of a big idea for everyday life or a professional setting
3. Develop a strategy for using a big idea to improve an existing approach or create a new application
4. Evaluate the application of a big idea, including an assessment of its positive impacts, negative impacts, and mitigating strategies for the theme of the year

Leadership and Teambuilding Bootcamp   **LEAD1031**
Credit: 2
Pre-requisite: None
On successful completion of this course, students will be able to:
1. Define foundational concepts of leadership traits, leadership styles, values, and trends, and their applications to real-life situations, especially in a turbulent world.
2. Describe and evaluate the differences and similarities between management and leadership, and their application in an organizational setting.
3. Evaluate the multifaceted nature of leadership in Vietnam and internationally, and their impact on work environments, particularly in a VUCA context. Have access to insights on Vingroup's mission, vision, and core values.
4. Develop your own leadership mindset by setting a vision, developing self-awareness, understanding others' perspectives, understanding situational contexts, communicating effectively, and making informed decisions. setting a vision, accepting accountability,

understanding self and others' limits, inspiring and motivating others, and creating the collaborative conditions for success

5. Apply basic leadership values and skills through action-based learning, building self, interpersonal, and team leadership during the leadership bootcamp.

National Defense Education   NDE1010
Hours: 165
On successful completion of this course, students will be able to:
1. Understand and articulate knowledge of the National Defense and Security policies of the Communist Party of Vietnam.
2. Understand basic concepts of national defense and security work.
3. Understand and practice the fundamental rules and disciplinary regulations in military organization.
4. Practice the fundamental techniques and tactics of infantry combat

Introduction to Law   LAW1010
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Explain the history, contemporary nature, and purpose of the Vietnamese legal system, including its key institutions, doctrines, and principles.
2. Describe and evaluate key differences and similarities between legal system management in Vietnam and internationally.
3. Understand the mechanisms of legal duty, justification of punishment, and the roles of courts and juries.
4. Apply fundamental legal rules and principles in a wide range of selected areas of the law, demonstrating critical thinking and ethical considerations.
5. Develop a mindset of compliance and appreciate the importance of adhering to legal standards in professional and personal context

Applied Ethics   CAS2010
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Identify and explain a range of ethical concerns across different professional and real-world domains of human interaction.
2. Apply ethical theories and offer rational justification to moral dilemmas.
3. Understand the moral stakeholders involved and the ethical obligations required for certain professional standards/codes, as well as the rationale behind them.
4. Apply ethical theories and offer rational justification to moral dilemmas where no professional standards/codes are established

Business Ethics   MANA3021
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Understand and explain the relevance of values applied to business, such as integrity, accountability, transparency, respect for stakeholders, corporate social responsibility (CSR), fairness, and compliance)

2. Identify business practices that produce unethical behavior or harm to the individual, society, or environment
3. Apply relevant ethical theories to moral dilemmas in the context of business
4. Evaluate different responses to ethical practice in business and justify an opinion based on ethical theory

Healthcare Ethics   **NURS3240**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Understand and explain the relevance of principles and values applied to healthcare, medical research, and health policy, covering topics such as respect for patients, beneficence and non-maleficence, justice, and honesty and transparency)
2. Identify medical practices that produce unethical behavior or harm to patients, the profession, society, or the environment
3. Apply relevant ethical theories to moral dilemmas in the context of medical treatment
4. Evaluate different responses to ethical practice in medicine and justify an opinion based on ethical theory
5. Understand the influence of religious ethics in patient treatment and decision-making

Technology Ethics   **TECH101**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Understand and explain the principles and values applied to technology, including privacy and data protection, algorithmic fairness and bias, digital inclusion, accountability and transparency, sustainability, and ethical AI and machine learning)
2. Identify uses of technology that produce unethical behavior or harm to users, society, or the environment
3. Apply relevant ethical theories to moral dilemmas involving technology
4. Evaluate different responses to ethical practice in technologies and justify an opinion based on ethical theory

Community Service Learning   **COSL1010**
Hours: 45
Pre-requisite: None
On successful completion of this course, students will be able to:
1. Define and understand the essential components of service learning, including benefits, impact, and key attributes.
2. Critically reflect on social issues and UNESCO's sustainable development goals (SDGs) with reference to a planned service project
3. Plan and implement a service project in accordance with local laws and regulations
4. Reflect on the outcomes of that service project and how it could have been improved
5. Develop sensitivity and empathy to local community members

Critical and Creative Thinking   **THINK1010**
Credit: 2
Pre-requisite: None
On successful completion of this course, students will be able to:

1. Appreciate the purpose and importance of creative and critical thinking.
2. Identify, develop, and criticize claims and arguments in accordance with principles of logical reasoning and scientific evidence
3. Apply creative and critical thinking with supporting tools and techniques for problem-solving.
4. Embed creative and critical thinking in workplace idea generation.
5. Build foundations for enhancing individual and team effectiveness.

Computational Thinking   **CECS1031**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Identify and analyze problems from life and business in order to determine computational solutions.
2. Break down problems into logical steps and data requirements.
3. Use basic data structures and algorithms for problem-solving.
4. Design simple algorithms and computational models.
5. Implement solutions using basic programming skills.
6. Evaluate and optimize computational solutions.

Introduction to Data Literacy   **CECS1050**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Read, understand, create, and communicate data as information.
2. Analyze and visualize data using tools like Excel and Python.
3. Understand the importance of data in business strategy and apply data-driven insights for decision-making.
4. Develop skills to improve data collection designs and ensure data quality.
5. Utilize statistical methods and probability to interpret, present and effectively tell stories about data.

Introduction to AI Literacy   **CECS1040**
Credit: 2
Pre-requisite: N/A
On successful completion of this course, students will be able to:
1. Understand basic AI principles, including machine learning and neural networks.
2. Use AI tools like ChatGPT for work and study tasks.
3. Recognize ethical implications, such as data privacy and algorithmic bias.
4. Apply AI to improve efficiency and innovation in academic and professional settings.
5. Design and evaluate user interfaces for better human-AI interaction

Academic and Professional Writing   **ENGL1030**
Credit: 2
Pre-requisite: NA
On successful completion of this unit, students will be able to:
1. Identify and explain core attitudes, values, and practices of academic culture and how academic writing reflects these.

2. Reflect critically on the differences between academic and opinion writing and apply this understanding in the composition of academic essays, including referencing, quoting, and paraphrasing.

3. Evaluate the differences between academic and professional writing in terms of style, purpose, target audience, and techniques.

4. Develop your clear, concise, and well-structured writing skills, focusing on the most critical documents and situations in academic and professional work such as academic essays, newspaper articles, business reports, proposals, speeches...

5. Use AI to develop, enhance, and revise writing in both academic and professional contexts.

Interpersonal and Multimedia Communication   ENGL1040

Credit: 2

Pre-requisite: N/A

On successful completion of this course, students will be able to:

1. Identify and explain the fundamental concepts, scope, and diversity of oral and visual communication.

2. Identify communication expectations based on an understanding of different professional audiences and contexts and apply this knowledge in delivering communication.

3. Demonstrate responsible, ethical, and respectful attitudes as the field undergoes disruptive changes fueled by rapid technological advancements.

4. Develop your own oral communication skills in key situations, from speeches to conversation, discussion, giving feedback.

5. Grow your skills in developing digital content for multimedia, including presentations, pitches, blog posts, viral videos, podcasts, and basic media management.

CBM-X Introduction to Managing Skills

Credit: 2

Pre-requisite: N/A

On successful completion of the course, students will be able to:

1. Apply the SMART technique to define specific, measurable, achievable, relevant, and time-bound goals, ensuring clarity and focus on their objectives.

2. Develop skills to effectively organize tasks and prioritize them based on importance and urgency, facilitating efficient and systematic progress towards achieving objectives.

3. Understand how to assign tasks based on team members' individual strengths, skills, and expertise, ensuring optimal use of resources, and enhancing team performance.

4. Learn to create and manage project schedules, monitor progress, and employ motivational techniques to keep team members engaged and productive, overcoming challenges and maintaining momentum.

5. Acquire the ability to give professional, accurate, and timely feedback, fostering a positive energy and environment within the team.

OASIS

Hours: 45

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Cultivate self-leadership, enhancing self-confidence, self-esteem, self-determination, and self-control.

2. Self- acquire and apply college readiness skills, life-long learning, effectively adapting to academic, social, and personal challenges of university life

3. Self- develop essential career skills, preparing for personal and professional success.

4. Embrace community involvement by actively participating in community service, demonstrating a commitment to positive societal impact and a pay-it-forward spirit.

5. Regularly reflect on personal growth and practice self-leadership throughout your university life, from the initial enrollment CV to the Individual Development Plan (IDP) and the pre-graduation CV, ensuring ongoing development and readiness for life after graduation.

Healthy Lifestyle   VCOR1021/22
Hours: 45
Pre-requisite: None
On successful completion of this course, students will be able to:

1. Understand the important principles of a healthy lifestyle, including balanced nutrition, regular physical activity, and mental well-being.

2. Understand your own health, develop your own personal health strategies, including techniques for managing stress effectively and maintaining a balanced life.

3. Engage in self-discipline for nutrition, exercise, and rest, and actively participate in various physical and mental well-being clubs at the university.

4. Recognize the impact of lifestyle choices on long-term health and well-being, and make informed decisions to enhance your quality of life.

5. Be motivated to promote well-being within communities through various means such as research, awareness campaigns, and participation in health clubs.

Internship
Credit: Depending on College Program
On successful completion of the internship, students will be able to:

1. Develop work habits, skills and attitudes necessary for job success

2. Identify, record, and carry out performance objectives (agreed upon by the employer, or supervisor) related to their job assignment

3. Develop communication, interpersonal and other critical skills needed to function successfully in the role and similar roles

4. Develop industry-specific technical skills and knowledge needed to function successfully in the role and similar roles

5. Acquire employment contacts leading directly to a full-time job following graduation from college.

Marxism Leninism Philosophy (Philosophy, Science and Society)   HASS1010
Credit: 3
Pre-requisite: NA
On successful completion of this course, students will be able to:

1. Understand the basic philosophical foundations of Marxism-Leninism, including dialectical materialism and historical materialism

2. Explain its significance in the development of Vietnam's state ideology and relevance to other areas of society including history, politics and economics

3. Know that Vietnamese philosophy features elements of syncretism and be able to describe those elements (e.g., Marxism-Leninism, Confucianism, Buddhism, Daoism, etc.)

4. Describe, evaluate and compare different answers to foundational philosophical questions such as "what exists?", "what is knowledge?", and "what is right and wrong?"

5. Understand and assess different approaches to the nature of science and scientific progress

Marxism-Leninism Political Economy (Global Political Economy)   **HASS1020**

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Demonstrate an understanding of the complexity of how the world is interconnected through the political economy.

2. Develop an informed understanding of conceptual terms and theoretical approaches used in understanding the global economy.

3. Understand the transformation of Vietnam in the context of the global political economy.

4. Cultivate a critical-minded awareness of major trends in the global political economy.

5. Acquire an informed understanding of the rise of China and India and the resulting impacts on Vietnam, ASEAN, and the world.

Scientific Socialism (Politics and Social Change)   **HASS1030**

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Describe and explain the concepts of politics and social change of Vietnam and around the region, and acquire some lexicon of the subject;

2. Understand how politics and political systems are key to socio-economic developments, including but not limited to the Marxist-Leninist views;

3. Understand the ways politics affects economic management, and help determine national success

4. Compare Vietnam's national development with national efforts elsewhere in Asia;

Ho Chi Minh Ideology (Vietnam History and Culture II)   **HASS1041/42**

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Know the major events, persons, and historical conditions the led to the creation and development of Ho Chi Minh Ideology and engage Ho Chi Minh Ideology as both a historical and living body of thought.

2. Consider the ongoing transformation of Ho Chi Minh thought and its significance in history and for Vietnam's future.

3. Critically review historical artifacts, including textual documents, art, literature, archeology, and accounts of informants and grasp the historical factors and precedents that relate to contemporary issues

4. Gain ability to apply historical and cultural knowledge to understanding and analyzing contemporary problems

5. Present historical evidence-based arguments and conduct probing discussions about challenging historical subjects

6. Explore multiple perspectives about the past, especially the past as understood from the vantage of former historical actors.

History of the Communist Party (Vietnam History and Culture I)   **HASS1050**

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Know the major events, persons, and historical conditions the led to the creation and development of the Vietnamese Communist Party

2. Critically review historical artifacts, including textual documents, art, literature, archeology, and accounts of informants.

3. Grasp the historical factors and precedents that relate to contemporary issues and gain the ability to apply historical and cultural knowledge to understanding and analyzing contemporary problems

4. Present historical evidence-based arguments

5. Explore multiple perspectives about the past, especially the past as understood from the vantage of former historical actors.

Cross-Cultural Navigation   HASS1070

Credit: 2

Pre-requisite: None

On successful completion of this course, students will be able to:

1. Understand the ways in which individual identities, values, and perceptions and biases are shaped by cultures and different forms of life

2. Know the theories and practice related to the impact of culture in our daily ecologies in local and global contexts

3. Identify and understand the intersection of one's own and others' cultural identities

4. Apply knowledge of practice, theory, and personal reflection of different cultures to a particular issue that requires collaboration or cooperation between individuals or groups from different cultural backgrounds

Introduction to International Relations   HASS1100

Credit: 2

On successful completion of this course, students will be able to:

1. Know the main actors, structures, and processes of international relations

2. Understand the basic theoretical principles of international relations and compare the competing underlying frameworks on human and social nature

3. Identify the respective objectives of international organizations in international politics, collaboration, and cooperation

4. Explore a case study, problem-solving scenario or dilemma involving international relations and devise a strategy/solution supported by theory and solid argumentation

5. Critically assess alternative strategies and points of view on complex scenarios requiring international relations

Art Appreciation and Application   ARTS1030

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Demonstrate an understanding and appreciation of arts and visual arts in general, including their function, and historical, religious, cultural, social, and environmental contexts and relevance;

2. Understand and define the basic principles of arts, visual arts, and design; explain and analyze a work of art from an informed and objective viewpoint, its physical attributes and formal construction;

3. Identify how art works are created and processed;

4. Make a reference to the significance and application of the arts in students' own field of studies and interests;

5. Analyze Vietnam arts and situate Vietnam arts in the global context.

Artistic Performance and Application   **PERF1010**

Credit: 2

Pre-requisite: NA

On successful completion of this course, students will be able to:

1. Show improved skill in their chosen artistic field (e.g., music, dance, theatre, visual arts) and express their creativity and individuality through performance(s).

2. Evaluate and discuss different forms of artistic performance, identifying key elements and techniques, and write reflective assessments on their personal artistic development.

3. Work well with peers to create and perform artistic pieces, and effectively give and receive constructive feedback.

4. Clearly communicate the artistic vision and choices behind their performances both verbally and in writing (if required) and develop their skills in presenting artistic work to an audience, including stage presence and audience engagement.

5. Explore and appreciate a variety of artistic traditions from around the world, with a special focus on Vietnamese culture, and place their own artistic work in a wider cultural and historical context.

6. Plan, organize, and complete an artistic performance project from start to finish, demonstrating good time management and organizational skills.

7. Understand and apply ethical considerations in artistic performance, including respecting intellectual property and cultural sensitivities, and behave professionally during rehearsals, performances, and collaborative projects.

Study Abroad

On successful completion of the study abroad program, students will be able to:

1. Develop skills and self-confidence for interacting with people from a different location and culture

2. Competently navigate living, studying and potentially working in a different location and culture

3. Understand how different backgrounds and cultures impact one another's views, values, behaviours, and biases

4. Reflect on how the experience has produced a global mindset and the values of being a global citizen

5. Build life-long connections and a network of partners for academic study, professional and personal life

PROFESSIONAL EDUCATION

<u>Preclinical Courses</u>
Basic sciences for healthcare

Credits: 3   **NURS1000**

Pre-requisite: Nil

The course introduces fundamental basic sciences applied in health care including physical and chemical principles through the study of biological systems and clinical situations. The goal of this course is for students to understand the physical mechanisms underlying physiological processes (i.e. blood flow, nerve impulses, vision) and medical instrumentation (i.e. MRI, ultrasound, ECG,

nuclear medicine). Emphasis is given to bioelectricity, diagnostic imaging, enzymes, fluid dynamics, entropic forces, and ionizing radiation. Simultaneously, the course will take a practical approach to studying the general and organic chemistry concepts foundational to understanding normal cellular and physiological processes. Real-world situations from clinical contexts will carry through lecture and lab components of the course to link theoretical knowledge of the chemical and physical characteristics of the major classes of compounds (like acid-base physiology in blood pH, osmosis and electrolytes in cellular health, and radioactivity) to living systems and the practical diagnosis and treatment of diseases. The integrated lab component of the course will reinforce content presented in lectures and problem-solving exercises and train the student's use of tools and techniques.

Human Anatomy & Physiology   **NURS1090**
Credits: 5
Pre-requisite: Nil
This course is designed to provide a comprehensive study of the human body's structure and function along with essential embryology and maturational physiology. Histological and gross anatomical features of selected organ systems are related to the physiologic and biochemical mechanisms that enable the human body to maintain homeostasis. Within each system, deviations from normal are considered to situate the student's understanding of health problems and to foster an appreciation for the complexity of the human organism. Integrated laboratories and case studies provide a contextual base to acquire and use domain-specific knowledge that includes physical assessment and procedural approaches to patient care**.**

Pathophysiology & Pharmacology 1   **NURS2100**
Credits: 3
Pre-requisite: Nil
This is the first part of a two-semester course designed to provide the fundamental mechanisms of human disease across the lifespan. Function and dysfunction of organ systems from the level of the cell through integrated organ levels will be presented, including the genetic basis of disease. Basic and clinical principles of pharmacology will be presented to support evidence-based; life-stage appropriate pharmacotherapy approaches to treating common diseases and conditions in acute and primary care settings. Practice-based problem-solving skills will be developed through nursing-focused case studies, often combining the pathophysiology and pharmacology arms of the course. Basic biological theories will be applied to simulated practice situations throughout. In this part, basic principles of pharmacology, pharmacogenomic and pathology related to pain, blood and central nervous disorders are covered.

Pathophysiology & Pharmacology 2   **NURS2160**
Credits: 3
Pre-requisite: Nil
This is the second part of a two-semester course designed to provide the fundamental mechanisms of human disease across the lifespan. Function and dysfunction of organ systems from the level of the cell through integrated organ levels will be presented, including the genetic basis of disease. Basic and clinical principles of pharmacology will be presented to support evidence-based; life-stage appropriate pharmacotherapy approaches to treating common diseases and conditions in acute and primary care settings. Practice-based problem-solving skills will be developed through nursing-focused case studies, often combining the pathophysiology and pharmacology arms of the course. Basic biological theories will be applied to simulated practice situations throughout. In this part, pathology and pharmacology related to a variety of

disorders including cardiovascular, gastrointestinal, endocrine and reproductive systems, etc. are covered.

Biogenetics, Microbiology & Parasitology

NURS1110

Credits: 5

Pre-requisite: Nil

This course is designed to provide a comprehensive integrated study of cell biology and the interactions of human host to pathogens and parasites in the specific context of microbiology, genetics, and parasitology. The course will provide students with an extensive understanding of these domains in patient care and infection control in nursing practice. It examines key aspects of cell biology for prokaryotes, eukaryotes and along with their interaction with viruses. The life cycles and genetics of these organisms will be examined and linked to their clinic importance in human disease. The interactions of microbes in human hosts and the environment will be evaluated along with response to drug treatment, physical and chemical controls. The interaction at the intercellular level of genes, gene regulation, and mutation with respect to cellular growth and development will be presented. The introduction to parasitology with specific examination of parasitic helminths, protozoans, and parasitic fungi and malaria parasites will be discussed. Medically important insect disease vectors will be linked to their infectious agents and mechanisms of transmission and detection. Public health nursing practices will examine methods of prevention. Integrated laboratories and case studies provide additional methods to acquire specific skills and knowledge.

Biochemistry and Normal Nutrition

NURS2120

Credits: 3

Pre-requisite: Nil

Fundamentals of biological chemistry, including the structure of biological macromolecules and their mechanism of action, intermediary metabolism, and the chemical basis of information transfer. This course examines the essentials of normal nutrition and their relationships to the health of individuals and families. These concepts serve as a basis for the development of an understanding of the therapeutic application of dietary principles and the nurse's role and responsibility in this facet of patient care.

Biochemistry and Clinical Nutrition

NURS2180

Credits: 2

Pre-requisite: Nil

Fundamentals of biological chemistry, including the structure of biological macromolecules and their mechanism of action, intermediary metabolism, and the chemical basis of information transfer. This course examines the essentials of nutrition problems in relation to common diseases and health conditions of individuals and families. These concepts serve as a basis for the development of an understanding of the therapeutic application of dietary principles and the nurse's role and responsibility in this facet of patient care.

Nursing Research

NURS3300

Credits: 3

Pre-requisite: Nil

This course provides an introduction to the vital role of research in nursing, focusing on various research methodologies. Students will explore the relationship between research and evidence-informed practice, critically appraising the evidence that underpins specific nursing practices. This knowledge will be applied to a clinical quality improvement project in their graduation

practicum. Additionally, the course covers foundational concepts in statistics and epidemiology, preparing students to address clinical nursing and public health issues.

Introduction to Professional Nursing Practice 1   **NURS1030**
Credits: 3
Pre-requisite: Nil
This course explores the role of the nurse particularly within Vietnam and introduces the foundations for nursing practice. Nursing students will be facilitated to develop nursing knowledge by using scientific knowledge integrated into theory and applied to simulated practice situations. Clinical decision-making skills will be simulated through nursing-focused case studies. Teaching methods will guide students to build a foundation for independent learning and application of evidence base to support clinical decision making for nursing practice.

Introduction to Professional Nursing Practice 2   **NURS1070**
Credits: 3
Pre-requisite: Nil
This course provides opportunities for the nurse to develop critical thinking skills when applying theory to practice. The nurse will understand autonomous, collaborative, and delegated role functions when they develop care plans for their patients in simulation settings. They will begin to make decisions about assessment, care, and management of patients. Students will be introduced to basic health assessment skills and fundamental care strategies.

Psychology and Communication in Nursing Practice   **NURS1120**
Credits: 3
Pre-requisite: Nil
Students will be introduced to basic communication processes to more complicated communication situations and the application of psychological principles into nursing practice. The focus of the course is the development of the therapeutic relationship between the nurse, the patient, and their family; skills in information gathering and information provision are addressed. It also includes understanding of the developmental stage of an individual that enables clinicians to assess the extent of deviation from normal functioning and to respond appropriately in terms of choices of care and the language used to communicate with patients and families.

Clinical Courses
Adult Nursing 1   **NURS3010**
Credits: 4
Co-requisite: Introduction to Nursing Practice 1 & 2
This course will develop the nursing knowledge and skills required to provide safe and effective care for the adult patient and their family with specific medical and surgical problems (including before, during, and following surgical procedure). Nursing care associated with medication and surgery management is introduced.

Adult Nursing Practice 1   **NURS3011**
Credits: 4
Co-requisite: Introduction to Nursing Practice 1 & 2
This is a practicum that focuses on hands-on practice and provides opportunities for students to expand their skills and knowledge while caring for adult patients with a variety of medical conditions. It covers essential skills such as patient assessment, administering medications, basic nursing procedures. Students learn to apply critical thinking and follow safety protocols,

preparing them for more advanced clinical training.

Adult Nursing 2   **NURS3020**
Credits: 4
Co-requisite: Introduction to Nursing Practice 1 & 2
This course prepares students to build on knowledge and skills from the Adult Nursing I course to provide safe and effective care to the adult patient/family with more complex medical problems or surgical problems. It will examine changing patient needs and nursing practice associated with a shift from acute to chronic medical/surgical conditions and examine the impact of living with chronic conditions.

Adult Nursing Practice 2   **NURS3021**
Credits: 4
Co-requisite: Introduction to Nursing Practice 1 & 2
This course is designed to build on the clinical competences of nursing students equipped in Adult Nursing Practice I. It focuses on hands-on practice and provides opportunities for students to expand their skills and knowledge while caring for adult patients with a variety of more complex medical/ surgical condition. Students are trained in the key areas such as patient assessment, clinical decision-making, and implementation of evidence-based interventions. They engage in activities like managing patient care, administering medications, and utilizing medical technology. The course emphasizes critical thinking, patient safety, and effective communication within a healthcare team.

Psychiatric Nursing   **NURS3231**
Credits: 4
Co-requisite: Adult Nursing 1 & 2; Adult Nursing Practice 1 & 2
This course examines how nursing influences the health and healing capacities of individuals and families experiencing psychological distress. It focuses on the knowledge and skill acquisition needed to care for diverse patients across the continuum of care and through transitions in an illness experience. The course addresses "nursing phenomena" of concern related to the development of healing relationships with and within individuals, families, and groups, and communication strategies to engage individuals and families in mental health promotion strategies. It also provides the tools to enable students to plan effective treatment interventions with individuals, patient groups; work groups with disciplinary and inter-professional colleagues; and to understand the healing dimensions of environments. Clinical and simulation experiences provide opportunities for development of therapeutic use of self, clinical reasoning, clinical care, and clinically situated knowledge integration.

Nursing of Children
Credits: 4   **NURS3280**
Co-requisite: Adult Nursing 1 & 2; Adult Nursing Practice 1 & 2
This course explores the role of nurses in providing care to children, from neonates to adolescents within the context of families. Students will examine major medical conditions, issues, and trends in children's health nursing, and apply an evidence-based approach to addressing the developmental, physiologic and social needs of children. This course includes clinical practice.

Obstetric and Gynecologic Nursing   **NURS3290**
Credits: 4
Co-requisite: Adult Nursing 1 & 2; Adult Nursing Practice 1 & 2

This course emphasizes the child-bearing cycle, and the related issues of maternal and infant mortality and morbidity. This course introduces the components of knowledge and skills required to care for Women and Infants in both the acute care setting and during the transition to home care. It addresses the expected trajectory and complications that women experience women during the perinatal, intrapartum and postpartum period, as well as risks posed to fetuses during their gestation and neonates immediately upon birth. It will address how nurses can prevent and treat illness and obstetric emergencies through nursing care and practice. This course also examines reproductive health throughout the life span including, but not limited to, contraception, gynecological cancers and menopause. Clinical experiences and lab simulations focused on nursing care for women and infants will provide opportunities for students to enhance and develop their knowledge base and practical nursing skills.

Nursing Care of Older Adults **NURS4320**
Credits: 3
Pre- requisite: Adult Nursing 1 OR 2; Adult Nursing Practice 1 OR 2
This course considers how nursing assessment and interventions influence the health and healing capacities of older adults. The course introduces components of knowledge and skill needed to care for the Older Adult in both the acute care setting and the transition to care in the home. It addresses disease processes common to the older adult and how nurses can influence the illness and healing

trajectory through nursing care and practice. Students will acquire knowledge and understanding of health aspects unique to the older adult. Common problems associated with cardiovascular, respiratory, neurological, musculoskeletal sensory, genitourinary, mental health, pharmacology, and cultural diversity will be integrated throughout the course. Clinical experiences and simulation experiences that focus on care of the older adult will be facilitated to support the development of clinical reasoning, clinical care, and clinical decision making.

Emergency and Intensive Nursing Care **NURS4300**
Credits: 3
Pre- requisite: Adult Nursing 1& 2; Adult Nursing Practice 1& 2
This course will prepare students to care for patients with acute, complex, life-threatening medical or surgical conditions. It provides an overview of emergency room and intensive care nursing principles. This course aims to provide students with an understanding of the nurse's roles in both clinical settings. Students will have the opportunity to examine the skills required for different roles that nurses may hold and also address family needs and ethical issues. The course requires students to draw from prior class and clinical knowledge and skills and apply this practice base to patient populations across care settings, ages, and cultures. Students will learn the fundamentals of caring for the most critical patients and disease processes.

Community Health Nursing **NURS4311**
Credits: 2
Pre- requisite: Health Promotion and Health Education
Co-requisite: Adult Nursing 1; Adult Nursing Practice 1
This course will provide a topical overview of community nursing. This course aims to provide students with an understanding of the nurse's roles in the community, the principles of community health care, and the practice of nurses in non-hospital or clinic settings. Students will have the opportunity to examine the skills required for different social roles that nurses may hold. The course requires students to draw from prior class and clinical knowledge and skills and apply this practice base to communities across care settings, ages, and cultures. It will move students

from an individual and family focus to a population focus for health assessment and intervention. Students consider the science, policies, and resources that support public health, and community-oriented care. Cross-cutting themes include epidemiology, social determinants of health, community engagement, health policy, scope of public and community health nursing practice, health literacy, health promotion, the life course perspective, emotional intelligence, and social justice. This course focuses on family, community, and public health. Includes family-level assessment of healthcare needs and access to services. The course also provides an opportunity to conduct a population-level analysis of a specific health-related issue. This course includes clinical practice in a home care setting and community health clinic.

Communicable Disease Nursing   **NURS4370**
Credits: 3
Co- requisite: Adult Nursing 1& 2; Adult Nursing Practice 1& 2
This course will provide a topical overview of communicable diseases and the nurse's role in prevention, evaluation, and treatment related to communicable diseases. This course requires students to draw from prior classwork and clinical knowledge, including pharmacology, microbiology, and community nursing, and apply this knowledge The course presents an overview of emerging or commonly encountered infections and will prepare students to care for patients with a communicable disease. Students will gain an understanding of public health measures used to prevent and contain outbreaks of communicable diseases in the hospital or community, particularly in Vietnam. This course incudes clinical practice.

Supporting Courses

Health Promotion and Health Education   **NURS2150**
Credits: 2
Pre- requisite: Nil
Health promotion is the process of enabling people to increase control over, and to improve their health. It includes concepts such as health literacy, healthy cities, national and global risk protection
and illness prevention programs, risk factors, external variables and cultural considerations in health behaviors. Health education as a tool for health promotion is critical for improving the health of
populations and promotes health capital. The course includes health education theories, information and knowledge on health behaviors, and explores the wide range of tools available.

Healthcare Ethics   **NURS3240**
Credits: 2
Pre- requisite: Nil
This course aims to equip students with essential knowledge and skills to solve ethical challenges in nursing. The topics cover fundamental concepts of bioethics and nursing ethics, professional code of conduct, and ethical decision-making processes in nursing care. Ethical dilemmas that nurses may face while caring for individuals with various individual and health backgrounds are discussed. Various learning experiences will be organized to develop students' abilities to understand, analyze, and distinguish right and wrong, and good and bad in making ethical decisions.

Nursing Leadership and Management   NURS4341
Credits: 2
Pre- requisite: Nil
This course explores nurses' roles in the management and leadership of health care organizations and systems. Students will understand how leadership and management influence health care outcomes, policy, and regulations.

Health Economics-Health Systems-Health Policy & Law   HESP3042
Credits: 2
Pre- requisite: Nil
This course includes concepts and applications of principles in health system operation. It introduces the organizational models and facilitators of healthcare systems, specifically the functions and responsibilities of institutions and networks in the Vietnamese health promotion and services delivery system. This course also provides basic concepts of health economics and development, the use of economic evidence in health planning, priority setting, medical decision making, and sustaining the health financing system. This will also enable students to deepen understandings of policy development and legal infrastructures in the Vietnamese health sector, and its implications in maximizing the system efficiency and quality as well as population health outcomes.

Elective Courses

A total of 5 credits for elective courses. Students can choose 1-2 elective courses offered by Nursing program and 1 elective course offered by other programs at VinUniversity. The elective course offered by Nursing program are as follows:

Palliative Care   NURS4390
Credits: 2
Pre- requisite: Nil
This course examines national and global perspectives and clinical issues in the delivery of palliative care with diverse populations in multiple health care settings. Students focus on the care of persons with life-threatening, progressive illness, emphasizing respect for patients' and families' beliefs, values, and choices. Students also explore psychosocial and spiritual dimensions of palliative care. Historical, sociocultural, economic, legal, and ethical trends in palliative care are discussed. Factors affecting health care systems and societal attitudes are considered in evaluating the delivery of care during advanced illness and at the end of life.

Disaster Preparedness Nursing   NURS4400
Credits: 2
Pre- requisite: Nil
This course introduces concepts and practices involved in the nursing response to natural and human-made disasters (for example, floods, earthquakes, and terrorism). It will include triage, diagnosis and management of injuries and medical conditions with limited or no access healthcare resources and infrastructure.

Traditional Medicine   NURS4380
Credits: 2
Pre- requisite: Nil
This course covers basic knowledge about Vietnamese traditional medicine: some diagnostic and

treatment modalities of traditional medicine; utilize such methods in caring, protecting and improving health.

Healthcare Quality Improvement & Safety
Credits: 2
Pre- requisite: Nil

HQIS4052

This course introduces key concepts and principles of health quality improvement and patient safety, methods for evaluating and monitoring quality and outcomes of health services and the applications of guidelines towards international goals in patient safety. This course will prepare students with understanding of hospital environment and regulations to provide high quality and effective health services that helps them maximize clinical learning outcomes in senior years.

Probability - Statistics and Epidemiology
Credits: 3
Pre- requisite: Nil

STAT1030

This course introduces foundational concepts in statistics and epidemiology for application to clinical nursing and public health issues. Epidemiology can assist in determining risk factors associated with diseases, and what factors may protect against disease. Epidemiology also identifies the effectiveness of health interventions and quantifies potential harm. Students will develop the ability to critically evaluate research and study designs and develop skills in effectively assessing and interpreting health data and medical literature. The probability-statistics part introduces fundamental statistical concepts relevant to describing data and testing scientific hypotheses in doing health research.

Health Informatics
Credits: 4
Pre- requisite: Nil

NURS2220

Health Informatics is a multi-disciplinary field at the intersection of information science, computer science, and health care. The course introduces students to the fundamental concepts of managing and using health information technology. The course covers topics such as electronic health records (EHRs), data privacy and security, and basic data analysis. Students learn how to collect, store, and use health information to improve patient care and support healthcare decision-making. This course provides a foundation for understanding how technology is used in healthcare settings to enhance efficiency and patient outcomes.

Qualitative Research Methodology in Health
Credits: 2
Pre- requisite: Nil

CHS1010

Qualitative research methodology in health focuses on understanding individuals' experiences, behaviors, and interactions within their healthcare environment. This research method uses non-numerical data, such as interviews, focus groups, and observations, to gather in-depth insights into patients' perspectives, healthcare providers' practices, and the cultural and social contexts influencing health and illness. The goal is to explore the meanings and motivations behind health-related behaviors and decisions, providing a comprehensive understanding that can inform patient-centered care, enhance communication, and improve healthcare delivery. Qualitative research complements quantitative methods, offering a holistic view of healthcare phenomena.

Evidence-based Practice in Nursing
Credits: 3

NURS4020

Pre- requisite: Nursing Research

Evidence-based practice (EBP) in nursing involves integrating the best available research evidence with clinical expertise and patient preferences to make decisions about patient care. This approach ensures that nursing interventions are effective and tailored to individual patient needs. EBP enhances the quality of care, improves patient outcomes, and promotes the efficient use of healthcare resources. Key components include formulating clinical questions, searching for relevant evidence, appraising the quality of evidence, applying the findings to clinical practice, and evaluating the outcomes. EBP is a continuous process that fosters a culture of inquiry and lifelong learning among nurses.

GRADUATION PRACTICUM

Transition to Professional Nursing Practice   **NURS4410**
Credits: 5
Pre- requisite: Adult Nursing 1 & 2; Adult Nursing Practice 1 & 2
Co-requisite: Nursing of Children; Obstetric and Gynecologic
Nursing; Nursing Care of Older Adults; Communicable Disease
Nursing; Emergency and Intensive Nursing Care
This comprehensive course offers a detailed exploration of the knowledge and skills necessary for the successful transition of Bachelor of Nursing (BN) students into the realm of professional nursing practice. Through an integrated approach that combines didactic learning, simulation with clinical experiences, students will develop a deep understanding of the multifaceted demands of modern nursing.

3.4   Interdisciplinary Activities/Projects
The BN program requires that all courses are designed to promote inter-professional education (IPE). At VinUni, inter-professional education is not only about students from different disciplines learning together, but also about solving problems/tasks together. It aims to help the students' mutual understandings of others' school of thoughts and reasoning.
Program Director, in collaboration with course writers, assures that IPE is properly integrated in the BN program:
- IPE with students of Doctor of Medicine program is a must. Suggested courses/topics for IPE activities are biostatistics, ethics, health promotion, health policy, communication skills, basic health science courses, and clinical practicum (medical, surgical, maternal and child, geriatric, and community nursing, etc.)
- IPE with students of business and technology programs are highly recommended. Suggested courses/topics for IPE activities are determinants of health, entrepreneurship mind-set, and various extracurricular activities. Students may be required for working on projects which require inter-disciplinary approaches during their professional courses. Examples of such projects are developing device helping the elderly with daily activities, designing apps supporting patients with chronic illness (medication use, diet, etc.), planning a new community/school health service, etc.