



Course specification

Faculty School of Nursing **Department** Maternity Nursing and Midwifery
Curriculum Bachelor of Nursing Science Program, New Program in Year 2022

Section 1 General Information

BNE 342	การพยาบาลมารดา ทารกและผดุงครรภ์ 2 (Maternity Nursing and Midwifery II)	3(2-2-5)
Co-requisite course	-	
Prerequisite course	-	
Semester	1/2025	
Section	01	
Course type	☐ General education course ☐ Professional foundation course ☒ Professional course ☐ Free elective course	
Course coordinators	1) Asst.Prof.Dr.Suphangphim Rattasumpun 2) Aj.Thanyarat Kulneejitmatee	☒ Former instructor ☒ Former instructor
Course instructors	1) Asst.Prof.Dr.Suphangphim Rattasumpun 2) Aj.Thanyarat Kulneejitmatee 3) Aj. Patarawadee Pholphoke	☒ Former ☐ Invited ☒ Former ☐ Invited ☒ Former ☐ Invited
Study place	Room 4/2-400-1, School of Nursing	☒ In-site ☐ Out-site
Latest update	5 August 2025	

Section 2 Course Objectives and Components

1. Course objectives:

1) Explain concepts of nursing care of the mother and neonate with complications during antepartum, intrapartum, and postpartum periods, maternal role, and adaptation.

2) Analyze for screening the risk and risk management of high-risk pregnant women during antepartum, intrapartum, and postpartum periods, management of operative obstetrics, assessment, and caring for normal and complicated neonates.

3) Explain the nursing process approach in caring for the mothers, neonates, and family with the risk or complications by using holistic care for promoting health.

4) Practice in laboratory situations relevant to maternal and neonatal nursing care in cases with the risk or complications by considering the laws, the code of ethics, and professional conduct.

2. Course description

Concepts of nursing care of mother and neonatal with complication during antepartum, intrapartum, and postpartum period, maternal role and adaptation, nursing process approach for promoting neonatal health, screening for risk and risk management of high risk pregnant during antepartum, intrapartum, and postpartum period, management of operative obstetrics, assessment and caring for normal and complicated neonate, holistic care of mother and family with congenital anomalies neonate, laboratory practice relevant to midwifery skills with regard to the code of ethics and professional conduct.

แนวคิดการพยาบาลมารดาและทารกในระยะตั้งครรภ์ ระยะคลอด และหลังคลอด ที่มีภาวะเสี่ยงและ/หรือโรคร่วม บทบาทและการปรับตัวของสตรีตั้งครรภ์ รวมทั้งการใช้กระบวนการพยาบาลในการส่งเสริมภาวะสุขภาพของสตรี การคัดกรองภาวะเสี่ยงและการช่วยเหลือสตรีตั้งครรภ์ที่มีความผิดปกติทางสูติกรรม ในระยะตั้งครรภ์ ระยะคลอด และหลังคลอด การช่วยคลอดทางสูติศาสตร์หัตถการ การประเมินและการดูแลทารกแรกเกิดทันทีทั้งในรายปกติและมีภาวะแทรกซ้อน การพยาบาลมารดาและครอบครัวที่ทารกแรกเกิดมีความผิดปกติแต่กำเนิดแบบองค์รวม การฝึกปฏิบัติการผดุงครรภ์ในห้องปฏิบัติการโดยคำนึงถึงหลักจริยธรรม และจรรยาบรรณวิชาชีพ

3. Contact hours per week for advising and guidance to students

- Course instructors will advise the students, individuals, or groups, at least 2 hours/week.
- The advisor (s) of the course will be assigned and clearly announced during the course orientation. Students may sign up to meet with his/her advisor privately for an hour per week as needed.

Instructors	Room	Email	Schedule
Aj.Thanyarat Kulneejitmatee	Building 4	thanyarat.k@rsu.ac.th	M: 9.00-16.00

	Room 408		
Asst.Prof.Dr.Suphangphim Rattasumpun	Building 4 Room 407	suphangphim.r@rsu.ac.th	M: 9.00-16.00

4. Course Learning Outcomes (CLOs)

After studying this course, the students should be able to:

4.1 Knowledge

1) Utilize knowledge and concepts in maternal-neonatal nursing and midwifery for analyzing women's health with high-risk or complications during the antepartum, intrapartum, and postpartum period, including the newborn health problems, planning, and implementing nursing interventions in case studies or simulations. (CLOs 1.2 aligned with PLOs 1)

4.2 Skills

2) Use the scientific process to analyze the selected case by using critical thinking to solve the health problem (CLOs 2.3 aligned with PLOs 2)

3) Practice the nursing care of mother and newborn with the risk or complications during antepartum, intrapartum, and postpartum periods, including newborn in laboratory and simulation (CLOs 2.3 aligned with PLOs 2)

4.3 Ethics

4) Express honesty and disciplined behaviors, respect for regulations, and responsibility (CLOs 3.1 aligned with PLOs 8)

5) Express the nursing care of the mother and newborn in the laboratory and simulation with regard to laws, the code of ethics, and professional conduct. (CLOs 3.3 aligned with PLOs 8)

4.4 Personal Attributes

6) Demonstrates leadership, teamwork, respect, and consideration for others. (CLOs 4.1 aligned with PLOs 6)

Section 3 Student's Learning Outcome Development

Revised the teaching process from last year by adding more case study analysis and reducing the number of students in group work.

1. Knowledge

PLOs	Learning outcome (CLOs)	Teaching methods	Evaluation methods	Evaluation tools
1	- Utilize knowledge and concepts in maternal-neonatal nursing and midwifery for analyzing women's health with high-risk or complications during the antepartum, intrapartum, and postpartum period, including the newborn health problems, planning, and implementing nursing interventions in case studies or simulations. (CLOs 1.2 aligned with PLOs 1)	- Brief the core concepts - Assign group work for analyzing the case scenario and planning nursing intervention	- Quiz (5%) - Examination I (25%) - Examination II (30%) - Group work presentation (5%)	- Multiple choice questions - Multiple choice questions - Multiple choice questions - Presentation Evaluation Form (Rubric)

2. Skills

PLO	Learning outcome (CLOs)	Teaching methods	Evaluation methods	Evaluation tools
2	- Use the scientific	- Self-study and	- Observe the	- Clinical judgment in

	process to analyze the selected case by using critical thinking to solve the health problem (CLOs 2.3 aligned with PLOs - Practice the nursing care of mother and newborn with the risk or complications during antepartum, intrapartum, and postpartum periods, including newborn in laboratory and simulation (CLOs 2.3 aligned with PLOs 2)	complete their assignment by reading, writing, and searching for knowledge from various resources before attending the class tutorial. - Discussion and knowledge sharing in class tutorial. - Perform laboratory practice in case scenario, demonstrate, and return to demonstrate - Provide the simulation in laboratory training.	process of discussion and knowledge sharing in the class tutorial. - Observe the practice in the Simulation Laboratory training	laboratory training by using the simulation evaluation Form
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3. Ethics

PLO	Learning outcome (CLOs)	Teaching methods	Evaluation methods	Evaluation tools
8	Express honesty and disciplined behaviors, respect for regulations, and	- Provide the case scenario that integrates how to practice with regard to laws, the code of ethics, and professional	- Observe students' behavior in class attendance and punctuality	-Classroom Behavior Observation Form

	responsibility (CLOs 3.1 aligned with PLOs 8) 5) Express the nursing care of the mother and newborn in the laboratory and simulation with regard to laws, the code of ethics, and professional conduct. (CLOs 3.3 aligned with PLOs 8)	conduct. - Admire students with honesty and disciplined behaviors, respect for regulations, and responsibility.	- Submit the case report on time - Reflect honesty, discipline, respect for rules, and accountable behaviors of others and themselves, and show a positive attitude toward the nursing profession during classroom tutorials and conduct assignments. (5%)	
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4. Personal Attributes

PLO	Learning outcome (CLOs)	Teaching methods	Evaluation methods	Evaluation tools
6	- Demonstrates leadership, teamwork, respect, and consideration for others. (CLOs 4.1 aligned with PLOs 6)	- Participation in team-based nursing care.	Observation of teamwork and communication. (5%)	Teamwork assessment Form

Lesson Plan and Evaluation (10-28 November 2025)

Date Time	Topic	Hour	Learning and teaching method	Instructor
M 10 Nov. 2025 9.00-9.30	Orientation			Asst. Prof. Dr. Suphangphim Rattasumpun
M 10 Nov. 2025 9.30-12.00 13.00-15.30 T 11 Nov. 2025 9.00-12.00 13.00-15.00 W 12 Nov. 2025 9.00-12.00	Unit I: Nursing care of pregnant woman with high risk and complication during ante-partum 1.1 Nursing care of pregnant woman with special needs - Fetal anomalies - Dead fetus - Elderly pregnancy - Teenage pregnancy - Unwanted pregnancy - Drug addicted pregnancy - Abuse during pregnancy	13	- The students read text book before attending the classroom - Instructor summarizes the key concept -Group discussion -Present the case scenario -Post test	Asst. Prof. Dr. Suphangphim Rattasumpun

Date Time	Topic	Hour	Learning and teaching method	Instructor
	1.2 Nursing care of pregnant woman with complication during pregnancy - Hyperemesis gravidarum - PIH -Hydramnios /Oligohydramnios - Twins 1.3 Nursing care of pregnant woman with medical problems - Heart disease - Diabetes mellitus - Thalassemia & anemia - Urinary tract infection - Hyperthyroid - Asthma			

Date Time	Topic	Hour	Learning and teaching method	Instructor
	- Tuberculosis 1.4 Nursing care of woman with ante-partum hemorrhage - Abortion - Molar pregnancy - Ectopic pregnancy - Placenta previa - Abruptio placenta 1.5 Nursing care of pregnant woman with infectious disease - Hepatitis - Rubella - Chickenpox - Syphilis - Herpes simplex			

Date Time	Topic	Hour	Learning and teaching method	Instructor
	- Condyloma acuminata/HPV - AIDS			
M 17 Nov.2025 9.00-12.00	Unit II: Assessment of fetal well-being in high-risk pregnancy 2.1. Assessment of fetal well-being and interpretation 2.1.1 Biochemical assessment 2.1.2 Biophysical assessment 2.1.3 Electronic fetal monitoring 2.2. Nursing role in antenatal assessment for risk	3	- The students read text textbook before attending the classroom - The instructor summarizes the key concept - Group discussion case scenario	Asst. Prof. Dr. Suphangphim Rattasumpun
H 13 Nov. 2025 9.00-12.00 13.00-15.00	Unit III: Complications during intrapartum 3.1 Nursing care of pregnant women with abnormal of labor (4P) - Powers: Uterine dysfunction, ineffective	7	- The student reading text book before attending the classroom - pretest and post test	Asst. Prof. Dr. Suphangphim Rattasumpun

Date Time	Topic	Hour	Learning and teaching method	Instructor
F 14 Nov. 2025 9.00-11.00	pushing effort - Passage: Inlet contracture, mid-pelvic contracture, Outlet contracture, CPD - Passenger: Macrosomia, fetal malpresentation - Psyche/position/physical condition 3.2 Nursing care of the parturient with complications (1st and 2nd stage of labor) - PROM - Preterm/Post-term/IUGR - Prolonged labor/Obstructed labor - Uterine rupture - Amniotic fluid embolism - Vasa previa - Prolapsed cord - Fetal distress 3.3 Nursing care of parturient with complication (3rd stage of labor)		- Instructor lectures content - Practice in laboratory room - Summarizes the key concepts - Discussion case study	

Date Time	Topic	Hour	Learning and teaching method	Instructor
	-Retained placenta -Uterine inversion -shock			
F 14 Nov. 2025 13.00-16.00	Unit IV: Operative obstetrics 4.1 Induction of labor 4.2 Forceps Extraction (F/E) 4.3 Vacuum Extraction (V/E) 4.4 Cesarean section (C/S) 4.5 Version 4.6 Removal of placenta 4.7 Emergency delivery 4.8 Breech assisting	3	- Pretest and post test - Lecture with VDO - Discuss case study - Present cases assignment	Asst. Prof. Dr. Suphangphim Rattasumpun
W 12 Nov. 2025 9.00-11.00	Unit V: Complications during postpartum - PPH, Sheehan's syndrome, hematoma - Infection, Phlebitis, breast abscess, mastitis, URI, UTI, thrombosis, metritis - Subinvolution	2	- Pretest and post test - Lecture with VDO - Present and Discuss cases assignment - Summarizes the key concepts	Aj. Thanyarat Kulneejitmatee

Date Time	Topic	Hour	Learning and teaching method	Instructor
	- Psychosocial problem (Depression, Postpartum blue and Psychosis)		with VDO	
M 17 Nov 2025 13.00-15.00	Unit VI: High risk in newborn - Fetal distress - Birth Asphyxia - Birth injuries - CPR in newborn	2	-Assign the student to read the concept and evaluation profession - The instructor summarizes the key concept - Present and discuss the case assignment - Summarizes the key concepts with VDO - Demonstrate CPR in a newborn	Aj. Thanyarat Kulneejitmatee

BNE 342 Maternity Nursing and Midwifery II: Laboratory Practice

Group	T 18 Nov. 2025	H 20 Nov. 2025		T 25 Nov. 2025		W 26 Nov. 2025		H 27 Nov. 2025	
	13-16	9-12	13-17	9-12	13-17	9-12	13-17	9-12	13-16
1	Lab 1: Fetal assessment, high-risk pregnancy, and Drugs used during antepartum and intrapartum Asst.Prof.Dr.Suphangphim Rattasumpun			Lab 2: Operative obstetrics & Breech assisting and Critical care in obstetrics Aj. Patarawadee Pholphoke			Lab 3: PPH & CPR in newborn Aj. Thanyarat Kulneejitmatee		
2	Lab 2: Operative obstetrics & Breech assisting and Critical care in obstetrics Aj. Patarawadee Pholphoke			Lab 3: PPH & CPR in newborn Aj. Thanyarat Kulneejitmatee			Lab 1: Fetal assessment, high-risk pregnancy, and Drugs used during antepartum and intrapartum Asst.Prof.Dr.Suphangphim Rattasumpun		
3	Lab 3: PPH & CPR in newborn Aj. Thanyarat Kulneejitmatee			Lab 1: Fetal assessment, high-risk pregnancy, and Drugs used during antepartum and intrapartum Asst.Prof.Dr.Suphangphim Rattasumpun			Lab 2: Operative obstetrics & Breech assisting and Critical care in obstetrics Aj. Patarawadee Pholphoke		

2. Learning Outcome Evaluation Plan

Learning outcome	Evaluation method	week	Evaluation proportion
1. Knowledge (CLOs1.2 aligned with PLOs1)	Examination 2.1 Examination I 2.2 Examination 2	Week 8 Week 15	25% 30%
2. Skills (CLOs 2.3 aligned with PLOs 2)	2.3 Quiz 2.4 Lab: Simulation (LR) 2.5 Lab (ANC, PP& Newborn)	Throughout the semester	5% 10% 20%
3. Ethics (CLOs 3.1 aligned with PLOs 8) (CLO 3.3 aligned with PLO8)	- Attended the class and submitted the assignment regularly and on time. (Class attendance evaluation form)	Throughout the semester	5%
4. Personal Attributes (CLO 4.1 aligned with PLO6)	- Demonstrates leadership, teamwork, respect, and consideration for others (Teamwork Evaluation Form)	Throughout the semester	5%

☒ AUN-QA 3.4

☒ Life-longing Learning

☒ Commitment to critical inquiry: Group work report

☒ Information-processing skills: Assigned to further searching by using digital technology to analyze the case study or using the evidence-based, research articles/review articles in both Thai and English, including using the Problem-Based Learning and participatory learning in group discussion and reflection.

☒ AUN-QA 3.5

☒ Creative Thought: Assigned students to design the activities for pregnant women with delayed initiation of antenatal care.

Grade level

Grade	Score (%)	Score	Score	Description
A	80-100	8-10	4.0-5.0	Excellent
B+	75-79	7.5-7.9	3.75-3.95	Very good
B	70-74	7.0-7.4	3.50-3.70	Good
C+	65-69	6.5-6.9	3.25-3.45	Fairly good
C	60-64	6.0-6.4	3.00-3.20	Fair
D+	55-59	5.5-5.9	2.75-2.95	Poor
D	50-54	5.0-5.4	2.50-2.70	Minimum Passing
F	0-49	0-4.9	0-2.45	Failure

Re-examination

Students who have a score (%) less than 60% of 100%, he/she will receive an opportunity to re-examination. The grade results are not more than a C level.

Student appeal

Students request the course coordinator to review his/her examination results and grade level. He/she can request reconsideration of the score result or the grade if needed within 1 week after knowing the results.

If there is a student request for reviewing, like above. The student has to complete a student appeal form and submit the completed form to the head of the fundamental nursing group via the course coordinator. Then, the course coordinator will send it to the course instructors. After the instructor meeting, the course coordinator and the head of the maternity nursing and midwifery inform the reconsideration results to the student within 1 month.

3. Course Learning Outcome (CLOs) and Learning Outcomes

CLOs	1. Knowledge	2. Skills	3. Ethics		4. Personal Attributes
	1.2	2.3	3.1	3.3	4.1
CLO 1 Utilize knowledge and concepts.....	√				
CLO 2 Use the scientific process to analyze.....		√			
CLO 3 Practice the nursing care in laboratory training.....		√			
CLO 4 Express honesty and disciplined behaviors, respect for regulations, and responsibility			√		
CLO 5 Express the nursing care in the laboratory and simulation with regard to laws, the code of ethics, and professional conduct.....				√	
CLO 6 Demonstrates leadership, teamwork, respect, and consideration for others.					√

Section 5 Learning and Teaching Resource

1. Main texts

Perry, S. E., et al. (2024). Maternal Child Nursing Care. 8th ed. St. Louis: Elsevier.

Murray, S. S., & McKinney, E. S. (2018). Foundations of maternal-newborn and women's health nursing. 7th ed. St.Louis: ELSEVIER Saunders.

Pillitteri, Adele. (2014). Maternal & child health nursing: care of the childbearing & childrearing family (7th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

Piotrowski, K.A., & Wilson, D. (2014). Study guide for maternal-child nursing care. 5th ed. St.Louis, Missouri: Elsevier.

2. Suggest textbooks and websites

สุนันทา ยั่งยืนเศรษฐ และคณะ(2562). การพยาบาลมารดา ทารกและการผดุงครรภ์ 2. คณะพยาบาลศาสตร์ มหาวิทยาลัยสงขลานครินทร์.

สุชยา ลือวรรณ, จารุวรรณ แซ่เต็ง, และ ญัฐพัชร์ จันทรสภา. (2568). สูติศาสตร์เชียงใหม่. ภาควิชาสูติศาสตร์และนรีเวชวิทยา คณะแพทยศาสตร์ มหาวิทยาลัยเชียงใหม่

Cunningham, F., et al. (2022). William obstetrics. 26th ed. New York: McGraw-Hill Education.

Hatfield, N.T. (2014). Introductory maternity & pediatric nursing. 3rd ed. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins.

Section 6 Evaluation and Improvement Plan

1. Effective evaluation strategies by students

1.1 Student's reflection on learning-teaching activities, strengths, and weaknesses of the course in the classroom tutorial.

1.2 Unit evaluation and course evaluation by students at the end of the course.

2. Teaching evaluation strategies

2.1 Evaluation of learning-teaching activity by team-teaching, colleagues, and administrators.

2.2 Observation of student participation, discussion, and ability to present a case report

2.3 Two-way feedback between students and teachers during class.

2.4 Mid-term and final examination grading.

3. Teaching Improvement

3.1 Improve learning-teaching activities based on students' reflection and evaluation of the course.

3.2 Course coordinator, course instructors, and the curriculum administrative committee consider the association of teaching-learning activities, learning outcomes, grading, and evaluation from students.

3.3 Provide advanced technology, Facebook group, LINE group, Cyber university, VDO, websites, etc., to enhance knowledge and skill related to the course.

4. Verification of the student's achievement

The course coordinator and course instructors consider the scores from learning outcomes and grading before verification by the curriculum administrative committee and the Nursing Accreditation Committee, respectively.

5. Re-evaluation and plan for the effectiveness of the course improvement

Information from RQF 5, course evaluation, unit evaluation, and reflection from the students and course instructors will be considered to improve the learning-teaching activities of the course in the next semester.

Appendix

Evaluation tools

- Presentation evaluation form (Rubric)
- Group report evaluation form (Rubric)
- Class attendance evaluation form (Rubric)
- Teamwork Evaluation Form (Rubric)