

COURSE SPECIFICATION

Name of Institution Mahidol University
Campus/Faculty/Department ASEAN Institute for Health Development

Section 1 General Information

1. Course Code and Title

สอนสม ๖๔๐ การจัดซื้อเชิงกลยุทธ์เพื่อหลักประกันสุขภาพถ้วนหน้า
 ADPM 640 Strategic Purchasing for Universal Health Coverage

2. Number of Credits

2 (1-2-3) Credits (lecture – laboratory – self-study)

3. Curriculum and Course Type

Program of Study Master of Primary Health Care Management
 Course Type Core Required Electives

4. Faculty Member in Charge of this Course and Advisor of Internship

4.1 Faculty Member in Charge of this Course

Name Asst. Prof. Dr. Samrit Srithamrongsawat
 Contact Faculty of Medicine Ramathibodi
 phone number e-mail:

4.2 Lecturers

Asst. Prof. Dr. Samrit Srithamrongsawat
 Asst. Prof. Dr. Vijj Kaseamsap
 Dr. Phusit Prakongsai
 Dr. Thaworn Sakunphanit

5. Semester/The training experience required in the curriculum

Semester 1/2023

6. Pre-requisite None

7. Co-requisite None

8. Venue of Study

ASEAN Institute for Health Development, Mahidol University

9. Date of Latest Revision 25 May 2023

Section 2 Goals and Objectives

1. Course Goals

This course aims to provide knowledge and abilities as follows:

- 1) Students will be able to explain the principles, components, and objectives of strategic purchasing for universal health coverage, especially in contexts with limited resources. They will also be able to analyze strategic purchasing plans and evaluate global health issues.
- 2) Students will be able to describe the challenges and regulations associated with governance arrangements for strategic purchasing.
- 3) Students will be able to identify information systems for problem-solving and monitoring, and respond collaboratively and independently to strategic purchasing in universal health coverage.
- 4) Students will be able to explain the relationships between strategic purchasing, benefit packages, various purchasing processes, and the associated challenges and solutions for universal health coverage.
- 5) Students will be honest, and responsible, and behave according to high moral and ethical standards, with an understanding of the importance of community participation.

2. Objectives of Course Development/Revision Field Experience Course

The revision aims to meet the needs of purchasing, health financing, and limited resource management for universal health coverage. Additionally, it aims to promote the utilization of information technology to reflect the updated trend in conducting research.

Section 3 Course Management

1. Course Description

การจัดซื้อเชิงกลยุทธ์ของการบริการสุขภาพ การปฏิรูปภาคส่วนสุขภาพและการจัดซื้อเชิงกลยุทธ์ มุมมองด้านธรรมาภิบาลในการจัดซื้อเชิงกลยุทธ์ บริการต่าง ๆ เพื่อการจัดซื้อและแบ่งปันต้นทุน การจัดการการส่งต่อที่เหมาะสม การต่อรองและการทำสัญญาเพื่อการจัดซื้อการดูแลสุขภาพและการจัดการผู้ให้บริการ การจ่ายเพื่อการดูแลสุขภาพและบริการทางสังคม การจ่ายการนำเข้าต้นทุน เพื่อการดูแลสุขภาพแรงงาน เงินทุน ด้านเวชภัณฑ์ ความรู้และการวิจัย การวัดประสิทธิภาพในการจัดซื้อบริการสุขภาพ การจ่ายตามมูลค่าการดูแลสุขภาพและมูลค่าการจ่าย การเพิ่มราคาการดูแลสุขภาพอย่างรวดเร็วและมาตรการการตั้งราคา ระบบสารสนเทศเพื่อการจัดซื้อที่มีประสิทธิภาพเพื่อการดูแลสุขภาพที่มีประสิทธิภาพเพื่อสัมฤทธิ์ผลในความเสมอภาค ประสิทธิภาพ คุณภาพ และความ

รับผิดชอบต่อสังคม การทบทวนการใช้ประโยชน์และการตรวจสอบทางคลินิก กรณีศึกษาสำหรับการจัดซื้อเชิงกลยุทธ์ของประเทศ

Strategic purchasing of health services; overview of strategic purchasing; governance structure of health system and health insurance schemes; reforming health care system toward UHC; for whom to purchase (understanding beneficiaries); benefit package and access condition (what to purchase); from whom to buy; how to pay providers and at what price; measuring the efficiency in purchasing health services; value-based health care and value-based payment; the rapid health care cost escalation and cost containment measures;; the utilization review and clinical audit; country case study for strategic purchasing

2. Credit Hours per Semester

Lecture	1	Hour
Laboratory/Field Trip/Internship	2	Hour
Laboratory	0	Hour
Self Study	3	Hour

3. Number of hours that lecturers provide counseling and guidance to individual student

Every Wednesday 14.00-16.00 at Building 1, 2nd floor ASEAN Institute for Health Development; Office hours (at least 2 hours/week)

Section 4 Development of Students' Learning Outcome

1. A brief summary of the knowledge or skills expected to develop in students; the course-level expected learning outcomes (CLOs) On completion of the course, students will be able to:

CLO1: Students will be able to explain the principles, components, and objectives of strategic purchasing for universal health coverage, especially in contexts with limited resources. They will also be able to analyze strategic purchasing plans and evaluate global health issues.

CLO2: Students will be able to describe the challenges and regulations associated with governance arrangements for strategic purchasing.

CLO3: Students will be able to identify information systems for problem-solving and monitoring, and respond collaboratively and independently to strategic purchasing in universal health coverage.

CLO4: Students will be able to explain the relationships between strategic purchasing, benefit packages, various purchasing processes, and the associated challenges and solutions for universal health coverage.

CLO5: Students will be honest, and responsible, and behave according to high moral and ethical standards, with an understanding of the importance of community participation.

2. How to organize learning experiences to develop the knowledge or skills stated in number 1 and how to measure the learning outcomes

CLOs	Teaching and learning experience management			Learning outcomes measurements			
	Lecture	Individual Work	Group Work	Test	Assignment quality	Individual Reports	Group Reports
CLO1	x						
CLO2	x						
CLO3	x						
CLO4	x						
CLO5	x						

Section 5 Teaching and Evaluation Plans

1. Teaching Plan

Week or No.	Topic	Hours			Teaching and Learning Activities	Lecturers
		Lecture	Laboratory	Self Study		
1	Overview of the course - Strategic purchasing of health services	1	2	3	Lecture, Discussion	Dr. Samrit Srithamrongsawat
2	Reforming health system toward UHC	1	2	3	Lecture, Discussion	Dr. Samrit Srithamrongsawat
3	What to purchase <ul style="list-style-type: none"> • moving toward UHC • Principles of health benefit package 	1	2	3	Lecture, Discussion	Dr. Phusit Prakongsai

	<ul style="list-style-type: none"> Process and platform for adopting new health benefits 					
4	<p>From whom to purchase</p> <ul style="list-style-type: none"> Contracting: Principle-Agent Relationship, Define contract, Making contract, Manage contract Monitoring performance (quality, utilization, outcomes) 	1	2	3	Lecture, Discussion	Dr. Thaworn Sakunphanit
5	<p>- Paying providers (I)</p> <ul style="list-style-type: none"> Different payment methods: Strengths and weaknesses of each payment method Application of mixture of payment methods 	1	2	3	Lecture, Discussion, Case study	Dr. Viji Kaseamsap
6	<p>- Paying provider (II)</p> <p>Students present papers on payment methods</p>	1	2	3	Lecture, Discussion	Dr. Viji Kaseamsap
7	<p>- Country presentation: strategic purchasing</p>	1	2	3	Presentation, Discussion	All instructors

	functions in students' country					
8	<p>- Governance of strategic purchasing</p> <ul style="list-style-type: none"> • concept and approaches • arrangements of individual purchaser, and for strategic purchasing in case of multiple purchaser • An analytical framework for strategic purchasing 	1	2	3	Lecture, Discussion	Dr. Samrit Srithamrongsawat
9	<p>Rapid cost escalation and cost containment</p> <ul style="list-style-type: none"> • Rapid health care cost escalation • Cost drivers in health care • Cost containment measures 	1	2	3	Lecture, Discussion	Dr. Viji Kaseamsap
10	<p>Value-based health care and value-based payment</p> <ul style="list-style-type: none"> • Concept and principles • Value in health care • Integrated People- 	1	2	3	Lecture, Discussion	Dr. Samrit Srithamrongsawat

	<p>centered health services</p> <ul style="list-style-type: none"> • Payment methods to support value-based care 					
11	<p>Visiting National Health Security Office</p> <ul style="list-style-type: none"> • Membership management (1330) • Claim management (UCEP), • Claim audit 	1	2	3	Site visit, Discussion	All instructors
12	<p>- Utilization review and clinical audit</p> <ul style="list-style-type: none"> • Principal-agent theory • Contract and right to audit, • Utilization management. • Quality assurance 	1	2	3	Lecture, Discussion, Case study	Dr. Thaworn Sakunphanit
13	<p>Beneficiary management, protecting and enabling access to needed care</p> <ul style="list-style-type: none"> • Membership management (1330) • Health literacy, communication, coordination, 	1	2	3	Lecture, Discussion	Dr. Thaworn Sakunphanit

	complaints management <ul style="list-style-type: none"> Benefit administration-claim management 					
14	Measuring efficiency, equity, accessibility, coverage, quality of services	1	2	3	Lecture, Discussion	Dr. Phusit Prakongsai
15	- Country presentation: applying strategic purchasing progress tracking framework to assess situations and gaps in your country	1	2	3	Presentation, Discussion	All instructors

2. Evaluation Plan

No.	Learning Outcomes	Evaluation Method	Week of Evaluation	Evaluation Allotment
1.	CLO1: Students will be able to explain the principles, components, and objectives of strategic purchasing for universal health coverage, especially in contexts with limited resources. They will also be able to analyze strategic purchasing plans and evaluate global health issues.	Presentation		20%
		Examination		15%
2.	CLO2: Students will be able to describe the challenges and regulations associated with governance arrangements for strategic purchasing.	Quiz		10%
		Discussion and participation		5%
3.	CLO3: Students will be able to identify information systems for problem-solving and monitoring, and respond collaboratively and independently to strategic purchasing in universal health coverage.	Quiz		10%
		Discussion and participation		5%

No.	Learning Outcomes	Evaluation Method	Week of Evaluation	Evaluation Allotment
4.	CLO4: Students will be able to explain the relationships between strategic purchasing, benefit packages, various purchasing processes, and the associated challenges and solutions for universal health coverage.			
		Discussion and participation		5%
		Examination		15%
	CLO5: Students will be honest, and responsible, and behave according to high moral and ethical standards, with an understanding of the importance of community participation.	Presentation		10%
		Discussion and participation		5%

3. Measurement and evaluation of student achievement

A	= 85-100 %
B+	= 75- 84 %
B	= 65 – 74 %
C+	= 55 – 64 %
C	= 45 – 54 %
F	= 0- 44 %

Section 6 Teaching Materials and Resources

1. Textbooks and Main Documents

S. Prakash Sethi, Group Purchasing Organizations: An Undisclosed Scandal in the U.S. Healthcare Industry, ISBN-10: 0230607675, ISBN-13: 978-0230607675, Publisher: Palgrave Macmillan; 2009 edition, June 16, 2009.

Lee H., Periman Christopher J. O' Conner, Healthcare Supply Chain: At the Intersection of Cost, Quality, and Outcomes, amazon.com, ISBN-10: 0996226745, ISBN-13: 978-0996226745, GNYHA Ventures publisher, 2015

Inke Mathauer, Elina Dale, Matthew Jowett, Joe Kutzin, WHO, Purchasing Health Services for Universal Health Coverage: How to make it more strategic?, 2019

2. Documents and Important Information

Cashin C, Gatome-Munyua A. The Strategic Health Purchasing Progress Tracking Framework: A Practical Approach to Describing, Assessing, and Improving Strategic Purchasing for Universal Health Coverage. *Health Systems & Reform*. 2022; 8(2): e2051794.

<https://www.tandfonline.com/doi/full/10.1080/23288604.2022.2051794>

Cashin, Cheryl, Sharon Nakhimovsky, Kelley Laird, Tihomir Strizrep, Altea Cico, Sharmini Radakrishnan, Ali Lauer, Catherine Connor, Sheila O'Dougherty, James White, and Katie Hammer. September 2018. *Strategic Health Purchasing Progress: A Framework for Policymakers and Practitioners*. Bethesda, MD: Health Finance & Governance Project, Abt Associates Inc. https://pdf.usaid.gov/pdf_docs/PA00TBMG.pdf

Figueras J, Robinson R, Jakubowski E. (eds.) Purchasing to improve health systems performance. Berkshire: Open University Press; 2005.

Governance for strategic purchasing: an analytical framework to guide a country assessment. Geneva: World Health Organization; 2019 (Health Financing Guidance, No. 6). Licence: CC BY-NC-SA 3.0 IGO

<https://apps.who.int/iris/rest/bitstreams/1263903/retrieve>

<https://eurohealthobservatory.who.int/publications/m/purchasing-to-improve-health-systems-performance>

Klasa K, Greer SL, van Ginneken E. Strategic Purchasing in Practice: Comparing Ten European Countries. *Health Policy*. 2018 May;122 (5): 457 - 472. doi: 10.1016/j.healthpol.2018.01.014. Epub 2018 Feb 5. PMID: 29502893.

Kongstvedt, P. R. (2019). *Health insurance and managed care: what they are and how they work*: Jones & Bartlett Learning. (Chapter 3, 5 and 6)

Langenbrunner, John C. [editor]; Preker, Alexander S. [eds]. *Spending wisely : buying health services for the poor (English)*. Washington, D.C. : World Bank Group, 2005.

<http://documents.worldbank.org/curated/en/845591468137396770/Spending-wisely-buying-health-services-for-the-poor>

Mathauer I, Dale E, Jowett M, Kutzin J. Purchasing of health services for universal health coverage: How to make it more strategic? Policy Brief, Department of Health Systems Governance and Financing, Geneva: World

Health Organization; 2019 (WHO/UHC/HGF/PolicyBrief/19.6). Licence: CC BY-NC-SA 3.0 IGO. [WHO-UHC-HGF-PolicyBrief-19.6-eng.pdf](#)

Mathauer I, Dale E, Meessen B. Strategic purchasing for Universal Health Coverage: key policy issues and questions. A summary from expert and practitioners' discussions Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO. [9789241513319-eng.pdf \(who.int\)](#)

Preker, Alexander S.; Liu, Xingzhu,; Velenyi, Edit V.; Baris, Enis. (eds) Public Ends, Private Means : Strategic Purchasing of Health Services. © Washington, DC: World Bank, 2007

<https://openknowledge.worldbank.org/handle/10986/6683>

Reimagining governance for strategic purchasing: evidence from 10 countries in eastern Europe and central Asia. Copenhagen: WHO Regional Office for Europe; 2023. License:CC BY-NC-SA 3.0 IGO

[.https://www.who.int/europe/publications/i/item/9789289060127](https://www.who.int/europe/publications/i/item/9789289060127)

Tracking Universal Health Coverage: 2021 global monitoring report. Geneva: World Health Organization and International Bank for Reconstruction and Development / The World Bank; 2021. Licence: CC BY-NC-SA 3.0 IGO. <https://www.who.int/data/monitoring-universal-health-coverage>

Section 7 Evaluation and Improvement of Course Management

1. Evaluation Strategies for Course Effectiveness by Students

1.1 Evaluation of students by peer students to be done by the Faculty of Graduate Studies (Education Services Section)

1.2 Student evaluation to be done by Course Directors at the end of the course

- Course content
- Course management
- Suggestions
- Overall opinion

2. Teaching Evaluation Strategies

- Observation of student behaviors, attitudes, and academic contents during activities of class participation
- Students' self-assessments and analysis
- Peer assessments and feedback
- Question and answer
- Volunteering in class organization and designing in summarization of class activities

3. Teaching Improvement

Presentation of course development, techniques used in teaching, and improvement with the participation of program management committee members of AIHD at program management committee meetings.

4. Verification of Students Achievements in the Course

- Analysis of students' learning outcomes using scores from class attendance, individual report activity and presentation
- Observing changes in perception and attitude of individual students and development i.e. personality, presentation, participation in working group, participatory action

5. Course Revision and Improvement Plan

- Meeting with all lecturers teaching the course to discuss and review the course before the semester starts and before each period of teaching
- Teaching materials sharing among lecturers for mutual learning, understanding, and development
- Meeting with all lecturers teaching the course to discuss and review after the course closed to consider requests, feedback, and suggestions of students and make minor improvements to the course syllabus and materials before the next academic year.

Appendix

Relations between the course and the program

Table 1 Curriculum Mapping

● Major responsibility

○ Minor responsibility

Subjects	Morality and Ethics			Knowledge			Intellectual skills		Interpersonal relationship and Responsibility		Mathematical Analytical thinking		
	1	2	3	1	2	3	1	2	1	2	1	2	3
ADPM 640 / ADPM 640 Strategic Purchasing for Universal Health Coverage / 2 (1-2-3)	●	○											

*** Expected Learning Outcome (TQF.2)**

Expected Outcome (TOF.2)

1. Morality and Ethics

- 1.1 Exhibits discipline, honesty, and punctuality
- 1.2 Behave according to morals and ethics of academic and professional practice
- 1.3 Avoid academic plagiarism

2. Knowledge

- 2.1 Explain the theoretical and practical knowledge associated with primary health care management
- 2.2 Explain the interconnection of various fields of knowledge in primary health care management

3. Intellectual skills

- 3.1 Perform the manners of continuously seeking knowledge
- 3.2 Design the research to solve the problem identified in the primary health care management system
- 3.3 Defend in significant ways with questions or points of view or controversies in related fields.

4. Interpersonal Skill and Responsibility

- 4.1 Perform interpersonal communication skills to establish and enhance personal and work-based relationships.
- 4.2 Perform the role of a leader and working team member appropriately

5. Numeral Analysis Skills, Communication, and Use of Information Technology

- 5.1 Demonstrate the statistical analysis and its interpretation
- 5.2 Communicate clearly and effectively to an array of audiences for a range of purposes.

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