

BACHERLOR OF ECONOMICS

International Program

PROGRAM INFORMATION

ACADAMIC YEAR 2025



ABOUT THE FACULTY

Vision

Asia's Leading School of Economics for a Sustainable Society

Values and Culture

"Visionary – Agile – Excellence – Caring – Transparent – Resilient & Sustainable"



Visionary

Setting long-term visions and goals, planning the organisation's future with foresight and prudence, embracing change, and fostering innovation.



Agile

Acting with speed and responsiveness, avoiding procrastination, prioritising effectively, and working with efficiency and enthusiasm.



Excellence

Striving for the highest standards, continuously improving oneself and one's work, and delivering outcomes that exceed expectations.



Caring

Attentive to learners and stakeholders, understanding their needs, responding wholeheartedly, and creating positive experiences.



Transparent

Operating with honesty, openness, accountability, and clear communication, guided by the principles of good governance.



Resilient & Sustainable

Taking responsibility for society and the environment, fostering balance, ensuring organisational resilience, and promoting long-term sustainable growth.

Memorable acronym: "KOR TOR POR MOR"

- KOR = Visionary Thinking: Set a long-term vision and goals, take a forward-looking view, plan the organisation's future carefully, stay ready for change, foster innovation.
- TOR = Swift Action: Act promptly, avoid procrastination, be proactive, prioritise effectively, work efficiently.
- POR = Excellence with Transparency and Care: Strive for the highest standards, pursue continuous improvement, communicate clearly, act with honesty, be open and auditable, care for learners and stakeholders.
- MOR = Resilience and Sustainability: Act responsibly towards society and the environment, balance economic, social and environmental considerations, build stable, long-term organisational growth.

Mission

- To educate future-ready graduates with a strong grounding in economics, robust analytical skills, and leadership to drive sustainable societal change.
- To create and disseminate knowledge and innovation from high-quality, high-impactful economic research that contribute to policy-making and sustainable development.
- To foster the creation and exchange of knowledge through academic services that generate added value for the economy, society, and the environment.

PROGRAMME INFORMATION

Programme Title

Bachelor of Economics Programme
(International Programme)

Degree Title

Bachelor of Economics (B.Econ.)
(International Programme)



Duration of Study and Credit Requirement

4 years, 8 regular semesters

- Special Problem (Academic) Track 129 credits
- Cooperative Education Track 129 credits

Tuition Fee

• Thai Students

Regular Semester	40,000 Baht
Summer Session	20,000 Baht

• Other Nationalities

Regular Semester	60,000 Baht
Summer Session	28,000 Baht



CURRICULUM STRUCTURE

For Bachelor of Economics (International Program)

Special Problem (Academic) Track a minimum of 129 credits

(1) General Education		24 credits
1) Required Courses		21 credits
1.1) Language Literacy		9 credits
1.2) Digital literacy		3 credits
1.3) Global Citizen		3 credits
1.4) Creativity and Innovation		3 credits
1.5) Entrepreneurial Skills		3 credits
2) Elective Courses		3 credits
(2) Field of Specialization	a minimum of	99 credits
2.1 Core Courses		27 credits
2.2 Major Course	a minimum of	72 credits
2.2.1 Required Courses		39 credits
2.2.2 Major Elective	a minimum of	33 credits
2.3 Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

(1) General education	24 credits
1) Required Courses	21 credits
1.1) Language Literacy	9 credits
001228 English for Business and Economics And choose 6 credits (2 courses) from the following courses	3 Cr
001102 Fundamental English 2	3 Cr
001201 Critical Reading and Effective Writing	3 Cr
001207 English for Effective and Creative Communication 1	3 Cr
001208 English for Effective and Creative Communication 2	3 Cr
001209 English for Professional and Academic Contexts	3 Cr
1.2) Digital literacy	3 credits
Choose ONE from the following courses:	
204100 Artificial Intelligence and Digital Essentials	3 Cr
261111 Internet and Online Community in the Age of AI	3 Cr
953111 Software for Everyday Life	3 Cr
1.3) Global Citizen	3 credits
140104 Citizenship	3 Cr
1.4) Creativity and Innovation	3 credits
Choose ONE from the following course:	
603200 Packaging in Daily Life	3 Cr
610111 Packaging for Marketing	3 Cr
951100 Modern Life and Animation	3 Cr

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

(1) General education	24 credits
1.5) Entrepreneurial Skills	3 credits
Choose ONE from the following courses:	
128100 Basic Good Governance in Administration	3 Cr
702101 Finance for Daily Life	3 Cr
703103 Introduction to Entrepreneurship and Business	3 Cr
888107 Business Startup on Digital Platform	3 Cr
888109 Introduction to Emerging Rules of Disruptive Technology in Trade	3 Cr
2) Elective Courses	3 credits
Choose ONE from the following courses	
009103 Information Literacy and Information Presentation	3 Cr
888102 Big Data for Business	3 Cr
954101 Introduction to Modern Management and Information Technology	3 Cr
154104 Environmental Conservation	3 Cr
176100 Law and Modern World	3 Cr
955115 Generative Artificial Intelligence for Digital Innovation	3 Cr

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

(2) Field of Specialization	a minimum of	99 credits
2.1 Core Courses		27 credits
<p>126101 Introduction to International Relations</p> <p>206171 General Mathematics 1</p> <p>208271 Elementary Statistics for Social Sciences 1</p> <p>208272 Elementary Statistics for Social Sciences 2</p> <p>701100 Elementary Accounting 1</p> <p>751306 Introduction to Communication in Economics</p> <p>And choose 9 credits (3 courses) from the following courses</p> <p>001210 Oral Expression 1</p> <p>001230 Introduction to Language</p> <p>001231 English Phonetics</p> <p>001250 Introduction to Literature</p> <p>001281 English Language and Multicultural</p> <p>001310 Oral Expression 2</p> <p>204102 Intelligent Data Analysis: Survey of Techniques and Applications</p> <p>252180 Basic Renewable Energy</p> <p>703322 Communication for Business Results</p> <p>888111 Innovative Entrepreneurship Theory and Practice</p> <p>888121 Digital Economy</p> <p>888147 Innovation for Entrepreneur</p> <p>954100 Information System for Organization Management</p>		<p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p> <p>3 Cr</p>
2.2 Major Courses	a minimum of	72 credits
<p>A minimum of 36 credits of the major courses in sections 2.2.1 (required courses) and 2.2.2 (major electives) must be at the 300 level or above, and of these, at least 18 credits must be at the 400 level.</p>		

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

2.2.1 Required Courses		39 credits
751101	Principles of Microeconomics	3 Cr
751102	Principles of Macroeconomics	3 Cr
751209	Introduction to Mathematical Economics	3 Cr
751301	Microeconomic Theory 1	3 Cr
751302	Microeconomic Theory 2	3 Cr
751304	Economic Statistics	3 Cr
751305	Econometrics 1	3 Cr
751308	Macroeconomic Theory 1	3 Cr
751309	Macroeconomic Theory 2	3 Cr
751405	Theory of Economic Development	3 Cr
751408	Research Methods in Economics	3 Cr
751409	Research Exercise in Current Economics Issues	3 Cr
751414	Introduction to Applied Econometrics	3 Cr
2.2.2 Major Electives		a minimum of 33 credits
2.2.2.1 Choose 3 credits from the following courses (If student have already completed the required credits for major elective courses in Section 2.2.2.1, student can count any additional courses taken as major elective courses in Section 2.2.2.2.)		
751326	ASEAN Economy in the Global Economic Context	3 Cr
751402	Green Economy	3 Cr
751442	Regional Economics	3 Cr
751446	Economy of Thailand	3 Cr
751454	Behavioral Economic	3 Cr

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

2.2.2.2 Choose additional major elective courses for a total of at least 30 credits, with at least 15 credits at the 400 level from the following courses

751202	History of Economic Thought	3 Cr
751220	Economic History	3 Cr
751303	Public Finance	3 Cr
751311	Economics of Artificial Intelligence	3 Cr
751319	Economics of Social Enterprise Development	3 Cr
751320	International Business Economics	3 Cr
751321	Community Economic Development	3 Cr
751322	International Political Economy	3 Cr
751323	Modern Chinese Economy	3 Cr
751324	Modern Indian Economy in the Global Context	3 Cr
751325	American Marketing Economics	3 Cr
751327	ICT Economics and Telecommunications Policy	3 Cr
751328	Economics of Environmental Management	3 Cr
751330	Money and Banking	3 Cr
751332	Monetary Theory	3 Cr
751333	Applied Game Theory for Economic Analysis	3 Cr
751335	Behavioral Economics in Finance and Investment	3 Cr
751340	Introduction to Agricultural Economics	3 Cr
751343	Economic Analysis of Energy and Resource Markets	3 Cr
751345	Transportation Economics	3 Cr
751346	Real Estate Economics	3 Cr
751348	Social Return on Investment Assessment	3 Cr
751349	Space Economy	3 Cr
751401	International Economics	3 Cr
751403	Econometrics 2	3 Cr
751411	The Economics of European Economic Interaction	3 Cr
751413	Introduction to Input-Output Analysis	3 Cr
751417	Managerial Economics	3 Cr
751418	Business Cycle Theory	3 Cr

CURRICULUM STRUCTURE

COURSES FOR SPECIAL PROBLEM (ACADEMIC) TRACK

751419 Economic Theory and Entrepreneurship	3 Cr	
751420 International Finance	3 Cr	
751421 Economics of Investment	3 Cr	
751422 Technical Analysis for Investment	3 Cr	
751424 Economic Development of Developing Countries	3 Cr	
751425 Economic Growth	3 Cr	
751427 Economic Planning	3 Cr	
751428 Political Economy	3 Cr	
751433 Economics of Regulation	3 Cr	
751437 Tax System	3 Cr	
751440 Labor Economics	3 Cr	
751441 Economics of Water Resources	3 Cr	
751443 Industrial Economics	3 Cr	
751444 Urban Economics	3 Cr	
751445 Natural Resource Allocation and Policy	3 Cr	
751447 Seminar in Current Economic Problems	3 Cr	
751448 Seminar in Global Investment Issues	3 Cr	
751451 Health Economics	3 Cr	
751452 Economics of Climate Change	3 Cr	
751453 Developing Application for Data Analytics in Economics	3 Cr	
751455 Economics of the Welfare State	3 Cr	
751464 Behavioral Economics in Organizational Finance	3 Cr	
751465 Low-Altitude Economics	3 Cr	
751471 Economics of Decentralized Finance	3 Cr	
751472 Economics of Tokenomics and Non-Fungible Token	3 Cr	
(2.3) Minor Course (If any)	a minimum of	15 Credits
(3) Free Elective	a minimum of	6 Credits
Total	a minimum of	129 Credits

Recommended study plan Bachelor of Economics (International Program)

Special Problem (Academic) Track

Year 1

Semester 1		credits
126101	Introduction to International Relations	3
206171	General Mathematics 1	3
751101	Principles of Microeconomics	3
.....	A general education course in Language literacy (001102, 001201, 001207, 001208, 001209)	3
.....	A general education course in Creativity and Innovation (603200, 610111, 951100)	3
.....	A general education course in Digital literacy (204100, 261111, 953111)	3
	Total	18

Semester 2		credits
140104	Citizenship	3
751102	Principles of Macroeconomics	3
751209	Introduction to Mathematical Economics	3
.....	A general education course in Language literacy (001102, 001201, 001207, 001208, 001209)	3
.....	Elective Core Course (1)	3
.....	Elective Core Course (2)	3
	Total	18

Recommended study plan Bachelor of Economics (International Program) Special Problem (Academic) Track

Year 2

Semester 1		credits
001228	English for Business and Economics	3
208271	Elementary Statistics for Social Sciences 1	3
701100	Elementary Accounting 1	3
751301	Microeconomic Theory 1	3
751308	Macroeconomic Theory 1	3
.....	Elective Core Course (3)	3
	Total	18

Semester 2		credits
208272	Elementary Statistics for Social Sciences 2	3
751302	Microeconomic Theory 2	3
751304	Economic Statistics	3
751309	Macroeconomic Theory 2	3
.....	A general education course in Entrepreneurial Skills (128100, 702101, 703103, 888107, 888109)	3
.....	A elective general education course (009103 or 888102 or 954101 or 154104 or 176100 or 955115)	3
	Total	18

Recommended study plan Bachelor of Economics (International Program)

Special Problem (Academic) Track

Year 3

Semester 1		credits
751305	Econometrics 1	3
751...	Choose one Major Elective Course from: 751326, 751402, 751442, 751446, 751454	3
751...	Major Elective Course	3
751...	Major Elective Course	3
751...	Major Elective Course	3
751...	Major Elective Course	3
	Total	18

Semester 2		credits
751306	Communication in Economics	3
751405	Theory of Economic Development	3
751408	Research Methods in Economics	3
751414	Introduction to Applied Econometrics	3
	Total	12

Recommended study plan Bachelor of Economics (International Program)

Special Problem (Academic) Track

Year 4

Semester 1		credits
751409	Research Exercise in Current Economics Issues	3
7514...	Major Elective at 400 Level	3
7514...	Major Elective at 400 Level	3
7514...	Major Elective at 400 Level	3
.....	Free Elective	3
	Total	15

Semester 2		credits
751...	Major Elective Course	3
7514...	Major Elective at 400 Level	3
7514...	Major Elective at 400 Level	3
.....	Free Elective	3
	Total	12

CURRICULUM STRUCTURE

For Bachelor of Economics (International Program)

Courses for Cooperative Education Track a minimum of 129 credits

(1) General Education		24 credits
1) Required Courses		21 credits
1.1) Language Literacy		9 credits
1.2) Digital literacy		3 credits
1.3) Global Citizen		3 credits
1.4) Creativity and Innovation		3 credits
1.5) Entrepreneurial Skills		3 credits
2) Elective Courses		3 credits
(2) Field of Specialization	a minimum of	99 credits
2.1 Core Courses		27 credits
2.2 Major Course	a minimum of	72 credits
2.2.1 Required Courses		42 credits
2.2.2 Major Electives	a minimum of	30 credits
2.3 Minor Course (If any)	a minimum of	15 credits
(3) Free Elective	a minimum of	6 credits

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

1) General education	24 credits
1) Required Courses	21 credits
1.1) Language Literacy	9 credits
001228 English for Business and Economics And choose 6 credits (2 courses) from the following courses 001102 Fundamental English 2 001201 Critical Reading and Effective Writing 001207 English for Effective and Creative Communication 1 001208 English for Effective and Creative Communication 2 001209 English for Professional and Academic Contexts	3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
1.2) Digital literacy	3 credits
Choose ONE from the following courses: 204100 Artificial Intelligence and Digital Essentials 261111 Internet and Online Community in the Age of AI 953111 Software for Everyday Life	3 Cr 3 Cr 3 Cr
1.3) Global Citizen	3 credits
140104 Citizenship	3 Cr
1.4) Creativity and Innovation	3 credits
Choose ONE from the following courses: 603200 Packaging in Daily Life 610111 Packaging for Marketing 951100 Modern Life and Animation	3 Cr 3 Cr 3 Cr

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

(1) General education	24 credits
1.5) Entrepreneurial Skills	3 credits
Choose ONE from the following courses: 128100 Basic Good Governance in Administration 702101 Finance for Daily Life 703103 Introduction to Entrepreneurship and Business 888107 Business Startup on Digital Platform 888109 Introduction to Emerging Rules of Disruptive Technology in Trade	 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
2) Elective Courses	3 credits
Choose ONE from the following courses 009103 Information Literacy and Information Presentation 888102 Big Data for Business 954101 Introduction to Modern Management and Information Technology 154104 Environmental Conservation 176100 Law and Modern World 955115 Generative Artificial Intelligence for Digital Innovation	 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

(2) Field of Specialization	a minimum of	99 credits
2.1 Core Courses		27 credits
126101 Introduction to International Relations 206171 General Mathematics 1 208271 Elementary Statistics for Social Sciences 1 208272 Elementary Statistics for Social Sciences 2 701100 Elementary Accounting 1 751306 Introduction to Communication in Economics		3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
<p>Choose 9 credits (3 courses) from the following courses</p>		
001210 Oral Expression 1 001230 Introduction to Language 001231 English Phonetics 001250 Introduction to Literature 001281 English Language and Multicultural 001310 Oral Expression 2 204102 Intelligent Data Analysis: Survey of Techniques and Applications 252180 Basic Renewable Energy 703322 Communication for Business Results 888111 Innovative Entrepreneurship Theory and Practice 888121 Digital Economy 888147 Innovation for Entrepreneur 954100 Information System for Organization Management		3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr 3 Cr
2.2 Major Courses	a minimum of	72 credits
<p>A minimum of 39 credits of Sections 2.2.1 (Required Courses) and 2.2.2 (Major Electives) must be at the 300 level or above, and of these, at least 18 credits must be at the 400 level.</p>		

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

2.2.1 Required Courses		42 credits
751101 Principles of Microeconomics	3 Cr	
751102 Principles of Macroeconomics	3 Cr	
751209 Introduction to Mathematical Economics	3 Cr	
751301 Microeconomic Theory 1	3 Cr	
751302 Microeconomic Theory 2	3 Cr	
751304 Economic Statistics	3 Cr	
751305 Econometrics 1	3 Cr	
751308 Macroeconomic Theory 1	3 Cr	
751309 Macroeconomic Theory 2	3 Cr	
751405 Theory of Economic Development	3 Cr	
751407 Research Methods in Cooperative Education	3 Cr	
751414 Introduction to Applied Econometrics	3 Cr	
751449 Cooperative Education	6 Cr	
2.2.2 Major Electives	a minimum of	30 credits
2.2.2.1 Choose 3 credits from the following courses (If student have already completed the required credits for major elective courses in Section 2.2.2.1, student can count any additional courses taken as major elective courses in Section 2.2.2.2.)		
751326 ASEAN Economy in the Global Economic Context	3 Cr	
751402 Green Economy	3 Cr	
751442 Regional Economics	3 Cr	
751446 Economy of Thailand	3 Cr	
751454 Behavioral Economics	3 Cr	

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

2.2.2.2 Choose additional major elective courses for a total of at least 27 credits, with at least 9 credits at the 400 level from the following courses:

751202 History of Economic Thought	3 Cr
751220 Economic History	3 Cr
751303 Public Finance	3 Cr
751311 Economics of Artificial Intelligence	3 Cr
751319 Economics of Social Enterprise Development	3 Cr
751320 International Business Economics	3 Cr
751321 Community Economic Development	3 Cr
751322 International Political Economy	3 Cr
751323 Modern Chinese Economy	3 Cr
751324 Modern Indian Economy in the Global Context	3 Cr
751325 American Marketing Economics	3 Cr
751327 ICT Economics and Telecommunications Policy	3 Cr
751328 Economics of Environmental Management	3 Cr
751330 Money and Banking	3 Cr
751332 Monetary Theory	3 Cr
751333 Applied Game Theory for Economic Analysis	3 Cr
751335 Behavioral Economics in Finance and Investment	3 Cr
751340 Introduction to Agricultural Economics	3 Cr
751343 Economic Analysis of Energy and Resource Markets	3 Cr
751345 Transportation Economics	3 Cr
751346 Real Estate Economics	3 Cr
751348 Social Return on Investment Assessment	3 Cr
751349 Space Economy	3 Cr
751401 International Economics	3 Cr
751403 Econometrics 2	3 Cr
751411 The Economics of European Economic Interaction	3 Cr
751413 Introduction to Input-Output Analysis	3 Cr
751417 Managerial Economics	3 Cr
751418 Business Cycle Theory	3 Cr

CURRICULUM STRUCTURE

COURSES FOR COOPERATIVE EDUCATION TRACK

751419 Economic Theory and Entrepreneurship	3 Cr
751420 International Finance	3 Cr
751421 Economics of Investment	3 Cr
751422 Technical Analysis for Investment	3 Cr
751424 Economic Development of Developing Countries	3 Cr
751425 Economic Growth	3 Cr
751427 Economic Planning	3 Cr
751428 Political Economy	3 Cr
751433 Economics of Regulation	3 Cr
751437 Tax System	3 Cr
751440 Labor Economics	3 Cr
751441 Economics of Water Resources	3 Cr
751443 Industrial Economics	3 Cr
751444 Urban Economics	3 Cr
751445 Natural Resource Allocation and Policy	3 Cr
751447 Seminar in Current Economic Problems	3 Cr
751448 Seminar in Global Investment Issues	3 Cr
751451 Health Economics	3 Cr
751452 Economics of Climate Change	3 Cr
751453 Developing Application for Data Analytics in Economics	3 Cr
751455 Economics of the Welfare State	3 Cr
751464 Behavioral Economics in Organizational Finance	3 Cr
751465 Low-Altitude Economics	3 Cr
751471 Economics of Decentralized Finance	3 Cr
751472 Economics of Tokenomics and Non-Fungible Token	3 Cr
Minor Course (If any)	a minimum of 15 Credits
(3) Free Elective	a minimum of 6 Credits
Total	a minimum of 129 Credits

Recommended study plan Bachelor of Economics (International Program) Cooperative Education Track

Year 1

Semester 1		credits
126101	Introduction to International Relations	3
206171	General Mathematics 1	3
751101	Principles of Microeconomics	3
.....	A general education course in Language literacy (001102, 001201, 001207, 001208, 001209)	3
.....	A general education course in Creativity and Innovation (603200, 610111, 951100)	3
.....	A general education course in Digital literacy (204100, 261111, 953111)	3
	Total	18

Semester 2		credits
140104	Citizenship	3
751102	Principles of Macroeconomics	3
751209	Introduction to Mathematical Economics	3
.....	A general education course in Language literacy (001102, 001201, 001207, 001208, 001209)	3
.....	Elective Core Course (1)	3
.....	Elective Core Course (2)	3
	Total	18

Recommended study plan Bachelor of Economics (International Program) Cooperative Education Track

Year 2

Semester 1		credits
001228	English for Business and Economics	3
208271	Elementary Statistics for Social Sciences 1	3
701100	Elementary Accounting 1	3
751301	Microeconomic Theory 1	3
751308	Macroeconomic Theory 1	3
.....	Elective Core Course (3)	3
	Total	18

Semester 2		credits
208272	Elementary Statistics for Social Sciences 2	3
751302	Microeconomic Theory 2	3
751304	Economic Statistics	3
751309	Macroeconomic Theory 2	3
.....	A general education course in Entrepreneurial Skills (128100, 702101, 703103, 888107, 888109)	3
.....	A elective general education course (009103 or 888102 or 954101 or 154104 or 176100 or 955115)	3
	Total	18

Recommended study plan Bachelor of Economics (International Program) Cooperative Education Track

Year 3

Semester 1		credits
751305	Econometrics 1	3
751...	Choose one Major Elective Course from: 751326, 751402, 751442, 751446, 751454	3
751...	Major Elective Course	3
751...	Major Elective Course	3
751...	Major Elective Course	3
751...	Major Elective Course	3
Total		18

Semester 2		credits
751405	Theory of Economic Development	3
751414	Introduction to Applied Econometrics	3
751...	Major Elective Course	3
751...	Major Elective Course	3
7514...	Major Elective at 400 Level	3
.....	Free Elective	3
Total		18

Recommended study plan Bachelor of Economics (International Program) Cooperative Education Track

Year 4

Semester 1		credits
751306	Communication in Economics	3
751407	Research Methods in Cooperative Education	3
7514..	Major Elective at 400 Level	3
7514..	Major Elective at 400 Level	3
.....	Free Elective	3
	Total	15

Semester 2		credits
751449	Cooperative Education	6
	Total	6

Course Descriptions

(1) General education

1) Required Courses

1.1) Language Literacy

001228

English for Business and Economics

Prerequisite: 001101 or 001102 or e-Pro score of no less than B \bar{t} ; or consent of the department

3(3-0-6)

Communication in English in daily life in business and economic contexts and application of English language skills for careers in business and economic contexts

001102

Fundamental English 2

Prerequisite: None

3(3-0-6)

Communication in English for everyday interactions based on CEFR B1+ in various social and cultural contexts for life - long learning

001201

Critical Reading and Effective Writing

Prerequisite: 001101 or 001102 or e-Pro score of no less than B \bar{t} ; or consent of the department

3(3-0-6)

English language skills for critical reading from different sources and media and effective paragraph writing

001207

English for Effective and Creative Communication 1

Prerequisite: None

3(3-0-6)

Communication in English for developing life skills in the context of intercultural society, which includes reading, reflection, explanation, and oral presentation. Writing on the new media platforms. The developments of communication skills with integrity and credibility. The production of contents in effective and creative ways.

001208

English for Effective and Creative Communication 2

Prerequisite: 001207 or consent of the department

3(3-0-6)

Communication in English for developing professional and academic skills, which includes reading, reflection, explanation, and oral presentation. Writing on the new media platforms. The developments of communication skills with integrity. The production of professional and academic contents in effective and creative ways.

001209

English for Professional and Academic Contexts

Prerequisite: 001208 or consent of the department

3(3-0-6)

English for professional and academic contexts focusing on information evaluating and processing, and analytical and critical reading, writing, and speaking skills

1.2) Digital literacy

204100

Artificial Intelligence and Digital Essentials
Prerequisite: None

3(3-0-6)

Computer in everyday life, computer network and internet, online essentials, online collaboration, office productivity software for modern life, information technology security, information literacy.

261111

Internet and Online Community in the Age of AI
Prerequisite: None

3(3-0-6)

Basic knowledge of the Internet and online society in the age of artificial intelligence. Computer technology and the modern world. Selecting of online tools and services. Impact of the internet on daily life. Online business. Ethics in social networking. Legal aspects of the Internet and online community. Online safety and privacy. Generative AI and its application for work. The socially responsible use of artificial intelligence. Special topics and case studies of online society in the age of artificial intelligence.

953111

Software for Everyday Life
Prerequisite: None

3(3-0-6)

Fundamentals of computer Hardware. Fundamentals of computer software. Fundamentals of computer network and internet. Information retrieval and online research. Computer security and digital privacy. Word processing software. Spread sheet software. Presentation software. Graphics editor software. Collaboration software. Fundamentals of generative artificial intelligence. Content creation using generative artificial intelligence. Tools for generative artificial intelligence. Ethical considerations for generative artificial intelligence.

1.3) Global Citizen

140104

Citizenship
Prerequisite: None

3(3-0-6)

Meanings, definitions, and concepts involving citizenship. Creating awareness in surrounding problems at the local level, national level, and international level. Citizenship and learning, and existence in multicultural society and social diversity. Cultivation of positive attitude for peaceful conflict resolution. Political expression in the 21st century.

1.4) Creativity and Innovation

603200

Packaging in Daily Life
Prerequisite: None

3(3-0-6)

Importance and function of packaging, packaging materials, natural materials for packaging, packaging form, packaging and design, packaging for advertising and marketing, packaging and environment, disposal of packaging waste, recycling of packaging, safety in packaging utilization and packaging development.

610111

Packaging for Marketing
Prerequisite: None

3(3-0-6)

Packaging functions, transport packaging, retailed packaging, packaging design, label, brand identity, intelligent packaging and active packaging, packaging and environment, and modern technology in packaging.

1.4) Creativity and Innovation

951100

Modern Life and Animation
Prerequisite: None

3(3-0-6)

Introduction to animation. History of animation and its evolution. Art and design for animation. Storytelling and character design for animation. Types of animation and animation process. Digital techniques for animation: computer programs and digital files, introduction to visual effects. Applying animation to things relating to daily life. Presenting and artwork.

1.5) Entrepreneurial Skills

128100

Basic Good Governance in Administration
Prerequisite: None

3(3-0-6)

Meaning and concepts of good governance. The problem and the ethics development in government units. Good governance components and indicators of government units. Student morality and ethics. Case studies of good governance in government units. Student presentations.

702101

Finance for Daily Life
Prerequisite: Non - Finance and Banking majors

3(3-0-6)

Basic knowledge of financial management for daily life. Wealth creation. Financial health evaluation. Financial planning. Income, expenses and debt management. Financial institution services. Savings. Letting the money work for you. Financial planning for life events. Risk insurance. Tax planning. Preparing for happiness.

703103

Introduction to Entrepreneurship and Business
Prerequisite: None

3(3-0-6)

Entrepreneur role in economics development country Entrepreneur and business opportunities. The characteristic of entrepreneur and motivation factors, environment, types of business, forms of business, business plans, principle of management, marketing management, production management, financial management, accounting, taxation, business law, international business and business ethics for entrepreneur.

888107

Business Startup on Digital Platform
Prerequisite: None

3(3-0-6)

Opening up the business idea on digital platform. Founder's motivation to startup business on digital platform. Seven techniques for startup design on digital platform. Discovering business potential on digital platform. "Function" versus "convention" concepts. Component concept. Working attitude. Startup execution on digital platform.

888109

Introduction to Emerging Rules of Disruptive Technology in Trade
Prerequisite: None

3(3-0-6)

Impact of disruptive technology in trade. Disruptive technology: cloud computing, high-speed broadband, additive manufacturing (3D printing), Internet of Things (IoT). Global trade in goods and service: international laws relating to goods and service, customs and border security. Emerging rules of trade with disruptive technology: regulatory support of innovation, streamlined rules and regulations, cyber security. International case studies: Australia, Japan, US, Singapore, EU.

2) Elective Courses

009103	Information Literacy and Information Presentation Prerequisite: None; for non-majors only	3(3-0-6)
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The definition and the importance of information and information literacy, information needs and information seeking, information sources and information services, information resources and organization, information searching, information evaluation, information presentation, citation and bibliography writing.

888102	Big Data for Business Prerequisite: None	3(3-0-6)
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Introduction to big data. Business problems and data science solutions. Basic tools for data mining. Predictive modelling. Clustering data. Decision analytic thinking. Visualizing model performance. Evidence and probabilities. Text mining.

954101	Introduction to Modern Management and Information Technology Prerequisite: None	3(3-0-6)
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Modern management and information technology. Modern management. Planning. Organizing. Leading. Controlling. Modern strategies. Strategy formulation. Strategy implementation. Information technology. Information systems. Information systems for strategic advantages. Digital economy and society. Future trends of modern management and information technology.

154104	Environmental Conservation Prerequisite: None	3(3-0-6)
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Environments, problems and conservation. Ecosystem. The concept of environmental conservation. Population, society and environment. The problems of environmental degradation. Management approaches for the problems of environment degradation. Environmental crises. Management approaches for environmental crises.

176100	Introduction to Law Prerequisite: None	3(3-0-6)
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Legal concepts. Legal Institutions. Law and its roles in society. Law and international societies. Law and local problems. Law and community rights. Roles of law in the rural and urban societies. Roles of law in the globalized era. Analyses of issues derived from case studies relating to law and modern world

955115	Generative Artificial Intelligence for Digital Innovation Prerequisite: None	3(3-0-6)
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Definition and importance of digital innovation. Creative working framework of digital innovation with generative artificial intelligence. Artificial intelligence literacy for digital innovation. Design thinking for digital innovation with generative artificial intelligence. Design thinking process for digital innovation. Generative artificial intelligence utilization for digital innovation. Applying art technique and design in digital innovation using generative artificial intelligence. Business management of digital innovation with generative artificial intelligence. Practical workflow of digital innovation with generative artificial intelligence. Entrepreneurship with digital innovation using generative artificial intelligence.

(2) Field of Specialization

2.1 Core Courses

126101	Introduction to International Relations Prerequisite: None	3(3-0-6)
Origins and scope of International Relations. Emergence of the modern state system and concept of sovereignty. Evolution of international system: from Westphalia to Cold War. Post-Cold War international system and contemporary world politics. International Relations theories. Foreign policy and level of analysis. Actors in International Relations. International Political Economy. Globalization, poverty and international inequality. International security. Non-traditional security. Terrorism. Human rights and humanitarianism. International Relations and the environment. Selected and contemporary issues.		
206171	General Mathematics 1 Prerequisite: None	3(3-0-6)
Matrices and systems of linear equations, linear programming, functions and graphs, limits and continuity of functions, the derivative, graph sketching and optimization.		
208271	Elementary Statistics for Social Sciences 1 Prerequisite: None; for students in humanities and social sciences	3(3-0-6)
Statistical methodology, sampling techniques, data analysis, random variables and probability distributions, probability distribution of discrete random variables, probability distribution of continuous random variables, analysis of time series data.		
208272	Elementary Statistics for Social Sciences 2 Prerequisite: 208271; for students in humanities and social sciences	3(3-0-6)
Basic principles of statistical inference, inference about population means, inference about population proportions, inference about population variances, analysis of variance, inference of regression and correlation coefficient, Chi-squared test, non-parametric test.		
701100	Elementary Accounting 1 Prerequisite: None	3(3-0-6)
Introduction to accounting, basic accounting concepts and accounting framework. Ethics in the accounting profession and law related to accounting practices. Accounting cycle, transaction analysis and accounting principles for service business and merchandising business. Recording transaction general journal. Recording transaction in special journals. Leader and trial balance. Adjusting entries. Closing entry and financial statements preparation.		
751306	Introduction to Communication in Economics Prerequisite: ECON 301 (751301) and ECON 308 (751308)	3(3-0-6)
Reading comprehension to understand the main idea of economic analysis at varying levels of complexity. Efficient summarization and note-taking. Sourcing relevant economic data from experts through in-depth interviews and group discussions with various samples. Methodology for writing economic articles appropriate for different target audiences. Utilization of Generative AI in academic and professional work, oral presentation and poster presentation, creating presentation media and data visualization. Managing emotions and building confidence in presenting and answering questions, etiquette in being a listener and in exchanging opinions.		

001210	Oral Expression 1 Prerequisite : 001101 or 001102 or e-Pro score of no less than B1; or consent of the department	3(3-0-6)
English oral communication in various daily life situations based on CEFR B1+		
001230	Introduction to Language Prerequisite: None	3(3-0-6)
Introduction to the study of language, analysis of the structure of language: sounds, words, sentences and meaning.		
001231	English Phonetics Prerequisite: 001230 or consent of the department	3(3-0-6)
A study of speech sounds, emphasizing English pronunciation and sound systems. Practical work in speech-sound production, perception and transcription.		
001250	Introduction to Literature Prerequisite: ENGL 102 (001102) or ENGL 118 (001118)	3(3-0-6)
An introduction to literary forms. Basic concepts, methods and terminology connected with each literary type. Intensive analytical reading of poetry, fiction and drama.		
001281	English Language and Multicultures Prerequisite: 001202 or 001222 or 001223 or 001224 or 001225 or 001226 or 001227 or 001228 or 001229 or consent of the department	3(3-0-6)
ENG: Concepts of language and cultures, English as a global language, English, media, and culture, English and cultural challenges, the future of English.		
001310	Oral Expression 2 Prerequisite: 001210 or consent of the division	3(3-0-6)
English communication on various concrete and abstract topics based on CEFR B2.		
204102	Intelligent Data Analysis: Survey of Techniques and Applications Prerequisite: None	3(3-0-6)
Introduction to intelligent data analysis: from capture to sharing, tabular data analysis and visualization, text exploration and analysis, data stream processing for IoT applications, image detection and recognition, simulation with virtual reality and augmented reality, and problem-based learning in intelligent data analysis applications.		

252180	Basic Renewable Energy Prerequisite: None	3(3-0-6)
Renewable energy resources, renewable energy generation in Thailand, conventional and renewable energy generation technologies, energy storage technologies, renewable energy generation policies and regulations, potential assessment of renewable energy resources, economic evaluation of renewable energy, sustainable and environmental-friendly development.		
703322	Communication for Business Results Prerequisite: None	3(3-0-6)
Communication for innovative business development, company and team building, market analysis survey, competitive advantages and marketing mix. Communication for job skills, resume and cover letter writing and interviewing, problems discussion and solutions for social enterprises.		
888111	Innovative Entrepreneurship Theory and Practice Prerequisite: None	3(3-0-6)
Evolutionary development of innovative entrepreneurship. Financial preparation for innovative entrepreneurial ventures. Social entrepreneurship and the global environment for innovative entrepreneurship. Creativity and innovation. Marketing challenges for innovative entrepreneurial ventures. Ethical and socially-responsible innovative entrepreneurship. Effective innovative business plan development. Business pitching. Economics for innovative entrepreneurship. Creation and protection of intellectual property. Technology for innovative entrepreneurship.		
888121	Digital Economy Prerequisite: None	3(3-0-6)
Digital economy. Concept and theory in digital economy. Game theory in digital economy. Current issues in digital economy. Decision making process in digital economy. Case study. Group assignment and presentation.		
888147	Innovation for Entrepreneur Prerequisite: None	3(3-0-6)
Introduction to innovation for entrepreneur. Seeking for opportunities in business. Finding resources to startup new business. Assessing business startup idea.		
954100	Information System for Organization Management Prerequisite: None	3(3-0-6)
Introduction to organization management. Definition and principle of organization management. Organizational structure and change. Organizational culture and social networks. Leading in an organization and decision making. Organizational communication and managing groups and teams. Information technology used in an organization. Introduction to production system. Inbound and outbound logistics. Sales and marketing, and services. Introduction to digital business and service psychology. Information system for organization management. Guidelines for information technology development in organizations. Introduction to accounting in digital business. Introduction to business process modeling.		

2.2 Major Courses

2.2.1 Required Courses

751101	Principles of Microeconomics Prerequisite: None	3(3-0-6)
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Basic concept in microeconomics. Demand, supply, and equilibrium. Elasticity and its application. Consumers, producers, and the efficiency of markets. Externalities. Public goods and common resources.

751102	Principles of Macroeconomics Prerequisite: None	3(3-0-6)
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Introduction to macroeconomics. Measuring a nation's income. Measuring the cost of living. Production and growth. Saving, investment, and the financial system. Unemployment. The monetary system. Money growth and inflation. Open-economy, Macroeconomics: basic concepts, A macroeconomic theory of the open economy. Aggregate demand and aggregate supply. Monetary and fiscal policy. Inflation and unemployment. Income inequality and poverty.

751209	Introduction to Mathematical Economics Prerequisite: ECON 102 (751102) or ECON 106 (751106); and MATH 171 (206171); or consent of the faculty	3(3-0-6)
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This course aims at furnishing the students of understand, as an introductory course, quantitative techniques of economics both in mathematical contexts and as an application to economic problems. It covers the nature of mathematical economics, economic models, types of economic functions, static (or equilibrium) analysis, comparative statics analysis. Maximal and minimal, differentials, dynamic analysis, matrix algebra, difference and differential equations.

751301	Microeconomic Theory 1 Prerequisite: ECON 102 (751102) or ECON 106 (751106); and MATH 171 (206171); or consent of the faculty	3(3-0-6)
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Consumer behavior, demand, supply, market price, price elasticities, classical utility and consumer demand, indifferent-curve analysis and modern utility theory. Theory of the firm: firm and its decisions. Theory of production, choices of inputs and outputs, cost function and basic concepts of linear programming.

751302	Microeconomic Theory 2 Prerequisite: ECON 301 (751301)	3(3-0-6)
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Price determination and policy in different forms of market. Competitive pricing, general equilibrium and economic welfare, monopoly pricing, price discrimination, pricing in imperfect competition and prices of factor of production.

751304	Economic Statistics Prerequisite: ECON 102 (751102) or ECON 106 (751106); and STAT 271 (208271); or consent of the faculty	3(3-0-6)
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Introduction to economic statistics. Probability and marginal density functions. Estimation and inference methods and hypothesis testing from single data sets. Estimation and inference methods and hypothesis testing from two data sets. Experimental design and analysis of variance. Time series analysis. Nonparametric statistical tests. Index.

751305	Econometrics 1 Prerequisite: MATH 172 (206172) and STAT 272 (208272) ; or ECON 304 (751304)	3(3-0-6)
Review of matrices and statistics and the natural of econometrics and economic data. Multiple regression analysis. Dummy in explanatory variables. Multicollinearity. Specification bias. Omitted variables. Redundant variables. Heteroskedasticity. Generalized least square method. Maximum likelihood estimation. Logit and probit model. AB testing. Order logit model. Multinomial logit model.		
751308	Macroeconomic Theory 1 Prerequisite: ECON 102 (751102) or ECON 106 (751106) or consent of the faculty	3(3-0-6)
National income concepts, Static and dynamic theories of determination of national income and employment and of business fluctuations.		
751309	Macroeconomic Theory 2 Prerequisite: ECON 308 (751308)	3(3-0-6)
Fundamentals of Growth Economics. Problems of controlling economic activity Monetary and fiscal policies for promoting economic. Stability and growth.		
751405	Theory of Economic Development Prerequisite: ECON 308 (751308) ; or consent of the faculty	3(3-0-6)
Concepts and theories related to the problems of economic growth in both developed and developing countries. A general survey of economic development theories from the classical era up to present and the comparison and evaluation of those theories.		
751407	Research Methods in Cooperative Education Prerequisite: ECON 301 (751301) and ECON 304 (751304) and ECON 308 (751308) and enroll along with ECON 306 (751306) ; or consent of the faculty	3(3-0-6)
The hard and soft skills required for cooperative education include effective communication in organizations, etiquette for working with others, teamwork, adapting to and understanding roles and responsibilities at work, and basic methods of economic research in the workplace to solve problems and find facts. This involves defining the problem, formulating a hypothesis, research planning, methodology for data collection and analysis, preparing research reports, and presenting them correctly and appropriately.		
751408	Research Methods in Economics Prerequisite: ECON 301 (751301) and ECON 304 (751304) and ECON 308 (751308) and enroll along with ECON 306 (751306) ; or consent of the faculty	3(3-0-6)
Basic procedures and methods of research in economic are considered from the standpoint of their applicability to problem solving and discovering of new scientific facts and generalizations in economics. Definition of the problem, statement of hypothesis, research design, data collection methods and data analysis constitute the major topics. Attention is given to proper style and preparation research reports in economics. Grading will be given on satisfactory or unsatisfactory basis.		

751409	Research Exercise in Current Economics Issues Prerequisite: ECON 408 (751408)	3(3-0-6)
An individual research exercise on current economics issues under general guidance and supervision of instructor.		
751414	Introduction to Applied Econometrics Prerequisite: ECON 305 (751305)	3(3-0-6)
Economic data science. Integrating application programming interface (API). Web scraping. Text mining. Econometrics, and applied artificial intelligence for big data analysis. Data visualization.		
751449	Cooperative Education Prerequisite: ECON 407 (751407)	3(3-0-6)
Students are required to work in the organizations related to economics major for a minimum period of 16 weeks as a staff under the supervision of in-charge trainer(s) of the organizations and instructor(s) of the university.		

2.2 Major Courses

2.2.2 Major Electives

751326	ASEAN Economy in the Global Economic Context Prerequisite: ECON 100 (751100) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
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Introduction of the structure of the integration of the countries in the region. Structure of ASEAN and challenges of ASEAN Economic Community (AEC). Economic structure of ASEAN's member countries and ASEAN. Linkages of logistic, commercial and financial interests of the countries of ASEAN countries and others. Roles of ASEAN integration in trade and investment aspects. Context of normative and legal issues and problems of ASEAN in economic, trade, financial, social, political, and cultural aspects related to Thailand's roles in ASEAN platform. Obstacles and challenges of ASEAN integration and ASEAN economic policy in the future. Case study of current issues of ASEAN countries.

751402	Green economy Prerequisite: ECON 301 (751301) and ECON 308 (751308)	3(3-0-6)
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The concept of green economics and direction of green economy. Science of sustainability. Enabling conditions for green transition. Case studies of green economy in practice in key economic sectors such as agriculture, forestry and fisheries, industry, and services. Green production and consumption, green growth, and opportunity and challenges in for green development.

751442	Regional Economics Prerequisite: ECON 302 (751202)	3(3-0-6)
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Regional economic theories, interregional trade and factor mobility regional economic growth, regional economic analysis techniques, and regional planning.

751446	Economy of Thailand Prerequisite: ECON 301 (751301) and ECON 308 (751308)	3(3-0-6)
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A study of the structure of the Thai economy in the past and at present. Analysis of the use of resources in production; expenditure on consumption and investment; foreign trade; economic and social development, economic stabilization; including major economic problems.

751454	Behavioral Economics Prerequisite: ECON 301 (751301) for major ; or consent of the faculty for non-major	3(3-0-6)
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The concepts of rationality in mainstream economics as well as the history of behavioral economics concepts by discussing concepts and theories of behavioral economics, such as prospect theory, mental accounting, and heuristic bias, emotions, decision-making, self-control, social norms, experimental games, motivation, dishonest behavior, framing effect, behavioral economics on happiness, and also guideline for behavioral policy design under the concept of Nudge and Boost.

751202	History of Economic Thought Prerequisite: ECON 102 (751102) or ECON 106 (751106) or consent of the faculty	3(3-0-6)
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A survey of economic thoughts from ancient days through contemporary economics. Biblical times, Greek and Roman, English-French-German. Mercantilism, Physiocrats and their doctrine. Philosophers, disciples, influence and criticism of Classical Economics, Marginal utility Economics. Ideal an scientific of Socialism, Keynesian Economics, Business cycle theorist, price theorist, the old and new Welfare Economics.

751220	Economic History Prerequisite: ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Development of European agriculture, industry, finance and international trade since 1750: growth of U.S. economy. A historical survey of the economic growth of some major Asian countries, and Thailand, with emphasis on the development of agriculture, industry, finance and international trade.		
751303	Public Finance Prerequisite: ECON 301 (751301)	3(3-0-6)
Revenue and expenditure activities of government. It deals with budgets, taxes, government expenditures and public debts. Effects of budgets on the economy, particularly the effects on the achievements of the major economic objectives; growth, stability, equity and efficiency.		
751311	Economics of Artificial Intelligence Prerequisite: None	3(3-0-6)
Understanding Artificial Intelligence (AI) as an economic force. Data as an economic resource. AI-driven market and consumer behavior. AI and productivity transformation. Labor market and future skills. Public policy and ethical issues in AI. AI for inclusive growth. AI for sustainability and local development. AI economic impact mapping.		
751319	Economics of Social Enterprise Development Prerequisite: ECON 101 or 102 or 106 (751101,751102,751106)	3(3-0-6)
Introduction to social entrepreneurship. Social enterprise models. Theory of change. Measuring economic and social impact. Business models for social enterprises. Resource mobilization and management. Innovation and design thinking in social entrepreneurship. Scaling social innovations. Ethical and cultural considerations. Policy and ecosystem support.		
751320	International Business Economics Prerequisite: ECON 308 (751308)	3(3-0-6)
Principle of international business economics. International business strategies in current economic situations. The US, EU, Chinese, Japanese, Russian and Middle East markets, cultures and consumers' behaviors. Import regulations and products-standards. Markets-entries. Political economy between the US, EU, China, Japan, Russia, Middle East and major countries such as India, Korea and others that affect international business.		
751321	Community Economic Development Prerequisite: ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Conceptual frame work of community economic development including the study of the past and present economic structures of Thailand, the sustainable development, the community economic development, the development of community economic development in Thailand, impacts of globalization and community adjustment.		
751322	International Political Economy Prerequisite: ECON 202 (751202)	3(3-0-6)
Political economy between the Middle East, US, and Europe. The ongoing wars: Seizure of natural resources. Strategic, economic and political alliances. Analysis of integrated impacts of the international political economy on global and Thai economies; applied strategies.		
751323	Modern Chinese Economy Prerequisite: Third year standing	3(3-0-6)
Understanding modern China: The historical turning points. Reform and economic development. Business opportunities and joint-venture potentials in China: Successful case studies. Building brands and niche products for Chinese markets.		

751324	Modern Indian Economy in the Global Context Prerequisite: ECON 100 (751100) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
<p>Concept, structure, and Indian economy's chronological development and trend. The main topics are introduction of the traditional Indian economy, population and human capital development, economic reforms in agriculture, contribution of economic reform to growth, poverty, and inequality, Indian's macro economy, monetary policy and fiscal policy, role of the government, money and capital markets, foreign trade and investments, international and regional comparisons and cooperation, and current issues in the Indian's modern economy.</p>		
751325	American Marketing Economics Prerequisite: Third year standing	3(3-0-6)
<p>American Marketing Economics: Cultures and consumers' behaviors. Practical analysis of the middle and high-end consumers. Empirical analysis of particular American markets. Tailoring products for American markets. Import regulations and products-standards. Markets-entries and strategies for various businesses.</p>		
751327	ICT Economics and Telecommunications Policy Prerequisite: ECON 301 (751301)	3(3-0-6)
<p>Economic, sociological and psychological aspects of consumer behavior, in reference to the latest trend in telecommunication, information and communication markets and technologies. Business orientations in such a rapidly changing area as telecommunication services and ICT. The goal of this course is to acquire theoretical foundations and some application abilities for analyzing consumer's behavior in the face of the emergence and diffusion of new services such as ICT and innovation as well as introducing telecommunication policies and regulations.</p>		
751328	Economics of Environmental Management Prerequisite: ECON 301 (751301) for econ major or consent of the faculty for non econ majors	3(3-0-6)
<p>Introduces the principles and applications of environmental economics. It explores the economic analysis of environmental issues, including the evaluation of environmental policies, the non-market valuation of natural resources focusing on stated and revealed preference methods, and the economic aspects of sustainability. This course also covers the economics of pollution control and investigates the market and policy of waste management. It further examines the role of market forces and government interventions in addressing environmental challenges.</p>		
751330	Money and Banking Prerequisite: ECON 102 (751102) or ECON 106 (751106) or consent of the faculty	3(3-0-6)
<p>The nature and function of money and finance; the role of money, kinds of money, monetary standards, debt, credit and finance instruments, finance, intermediaries, Commercial banking system and policy. The role of central bank, central banking system of the U.S.A., U.K. and Thailand. Instruments of monetary policy. Monetary policy and fiscal policy. Money market and capital market. Credit market in Thailand.</p>		
751332	Monetary Theory Prerequisite: ECON 308 (751308)	3(3-0-6)
<p>Meaning, changes, measurement and importance of changes of the value of money. The early and improved Quantity Theory, the equation of exchange and the demand for money. Rate of interest, loanable funds and liquidity preference theory. Keynes' Monetary Theory, money market and IS LM curves, money and industrial fluctuations, monetary policy and its practice.</p>		
751333	Applied Game Theory for Economic Analysis Prerequisite: ECON 100 (751100) or ECON 101 (751101) or ECON 106 (751106)	3(3-0-6)
<p>Foundations of game theory, information and uncertainty in games, market mechanisms and bargaining, industrial organization and business strategy, public goods and social dilemmas, voting and social choice, conflict and cooperation in international relations, emerging topics in applied game theory.</p>		

751335	Behavioral Economics in Finance and Investment Prerequisite: ECON 100 (751100) or ECON 101 (751101) or ECON 106 (751106)	3(3-0-6)
Introduction to behavioral economics. Sociological, neurological and psychological concepts to financial and investment decision making. Risk perception and risk acceptance in the context of investment economics. The impact of loss aversion and framing effects on investment decisions in behavioral economics. Prospect theory and its influence on investment decision-making in economics. Cognitive biases and their effects on financial markets in economics. Economic bubbles and market collapse mechanisms. Financial and investment advisors and their impact on investor behavior in economics. The economics of happiness. Case studies in behavioral economics of finance and investment: implications for investor decision-making.		
751340	Introduction to Agricultural Economics Prerequisite: ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
General ideas in agricultural economics; land capital labor and management. Present farm management in Thailand. Land tenure, systems and types of farming, farm organization and management. Agricultural credit. Demand, supply and marketing of agricultural products. Problems in agricultural economics.		
751343	Economic Analysis of Energy and Resource Markets Prerequisite: MATH 172 (206172) or MATH 162 (206162) ; ECON100 (751100) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Fundamental concepts of production economics, market structures, applications of game theory and principles of nonrenewable resources. Economic analysis modeling of policy and planning issues in energy and nonrenewable resource markets.		
751345	Transportation Economics Prerequisite: ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Transportation and economy, scope of transportation economy, transport location, transportation efficiency, land rent and transportation, transportation consideration, importance of transportation.		
751346	Real Estate Economics Prerequisite: ECON 101 or 102 or 106 (751101,751102,751106)	3(3-0-6)
Introduction: the importance of the real estate industry in the economic system and its impact on GDP. John Maynard Keynes' theory and its application to the real estate industry. Unemployment issues and the limitations of the free market mechanism in the real estate sector. Demand and supply in the real estate market and economic equilibrium. The role of government and fiscal policy in the real estate industry. Government measures and incentives affecting consumer behavior in the housing market. Case study: infrastructure development and its impact on the real estate industry. Analysis of thailand's economic conditions and equilibrium in the real estate market. Workshop: simulation of the impact of government policies on demand and supply in the housing market – the behavioral dimension of investment. Presentation and discussion of a case study: "the impact of macroeconomic factors on the real estate market".		
751348	Social Return on Investment Assessment Prerequisite: ECON 100 (751100) or ECON 101 (751101) or ECON 106 (751106)	3(3-0-6)
The basic concepts and theories related to the assessment of social returns as well as the principles of social return on investment assessment, utilization of tools and techniques for social return on investment assessment, key performance metrics used in social return on investment assessment, significant social factors affecting social return on investment assessment, methods of presentation and report writing, case study and project selection, and presentation of assessment results.		

751349	Space Economy Prerequisite: ECON 100 (751100) or ECON 101 (751101) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Introduction and overview of the space economy, development of the space economy, space technologies, space markets, and ecosystems, infrastructure in the space economy and space-based services, the role of government and policy in the space economy, the role of international cooperation in developing space infrastructure and resource allocation in space, private sector involvement and space entrepreneurship, the role of space technology in economic growth, legal and ethical considerations in the space economy, analysis of factors affecting the feasibility of space-related projects, case studies on evaluation of factors influencing investment decisions and preliminary feasibility assessment, and feasibility reports for space projects.		
751403	Econometrics 2 Prerequisite: ECON 305 (751305)	3(3-0-6)
Stationary and non-Stationary data. Autocorrelation. Autoregressive model. ARCH /GARCH Model. Cointegration and error correction model. Vector autoregressive regression. Vector error correction model. Panel model. Instrumental variables estimator. Non-random variable model.		
751401	International Economics Prerequisite: ECON 301 (751301) and ECON 308 (751308) ; or consent of the faculty	3(3-0-6)
This course is intended to provide general concepts and theories of international trade, and related problems. Pure and monetary aspect of international theories. International migration of factors of production: labor and capital movement and the effect of factor migration. Economic integration among developing countries.		
751411	The Economics of European Economic Integration Prerequisite: ECON 401 (751401)	3(3-0-6)
Theoretical analysis of economic integration and review of relevant economic policies such as trade, agricultural, industrial, monetary and fiscal policies of the European Union. Impact of the integration on external relations with other countries.		
751413	Introduction to Input-Output Analysis Prerequisite: ECON 209 (751209)	3(3-0-6)
Concepts of Input-Output analysis and the applications of this technique to national economy. Methods and problems of constructing and Input-Output table.		
751417	Managerial Economics Prerequisite: 751209 and 751302; and 208271 or 751304	3(3-0-6)
The decision-making process involving the economic activities of a firm. These activities include: optimization techniques, demand analysis and forecasting, production and cost analysis, market structures and pricing, risk analysis and long-run planning, government policy and regulations, and the international economy.		
751418	Business Cycle Theory Prerequisite: ECON 308 (751308)	3(3-0-6)
Theories and concepts of business cycle, including an analytical survey of the history and nature of cyclical economic fluctuations, policies of economic stabilization. Relationship between business cycle theories and economic growth theory.		

751419	Economic Theory and Entrepreneurship Prerequisite: Third year standing	3(3-0-6)
General concepts of economic theory and entrepreneurship. Behavior and characteristics of entrepreneurs. Creation of new ideas in doing business for potential entrepreneurs. Entrepreneurial opportunities in small and medium enterprises (SMEs). Case studies of entrepreneurial success in progress.		
751420	International Finance Prerequisite: ECON 401 (751401)	3(3-0-6)
Financial policies to maintain a monetary equilibrium in its foreign transactions. Choice among exchange rate regimes as the first step in making international policy. Free exchange rate and fixed exchange rate will be closely studied. The comparison study of internal equilibrium and external equilibrium; full employment at home or payments equilibrium.		
751421	Economics of Investment Prerequisite: Third year standing	3(3-0-6)
Investment decision and economic variables. Uncertainty and decision making. Sources of information on investments. Introduction to security valuation using economic theory. Industry analysis using economic theory. Company analysis using economic theory. Bond market. Introduction to bond valuation. Introduction to financial derivatives and economic theory. Introduction to foreign exchange markets. Analysis of foreign exchange rates using economic theory. Application of financial derivatives and capital markets. Due diligence and initial public offerings. Mergers and acquisitions.		
751422	Technical Analysis for Investment Prerequisite: Third year standing	3(3-0-6)
Dow theory. Basic concept of trends. Major reversal patterns. Moving averages. Relative strength index. Moving average convergence and divergence. Stochastics. Oscillator. Momentum.		
751424	Economic Development of Developing Countries Prerequisite: ECON 308 (751308)	3(3-0-6)
Basic characteristics of poor countries; obstacles to development; general requirements for development. Domestic policy issues; prospect for development and some topics for case studies.		
751425	Economic Growth Prerequisite: ECON209 (751209) and ECON 302 (751302) and ECON 309 (751309)	3(3-0-6)
Stylized facts related to economic growth, including the study of concepts and modern theories of economic growth, wealth accumulation and capital mobility, technological progress and economic growth, education and economic growth, and endogenous growth.		
751427	Economic Planning Prerequisite: ECON 309 (751309)	3(3-0-6)
Types, methods and applications of planning. Concepts and significance of economic planning as relevant to economic development. Economic planning of Thailand. A survey of different approaches to economic planning in some other countries.		
751428	Political Economy Prerequisite: ECON 100 (751100) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Fundamental concepts, structures, and system of political Economy. Political economic interpretation of authoritarianism , individualism, socialism, nationalism, and ethics. Thai economic system from political economic perspective. Political economic power concentration in Thai economic development and problems.		

751433	Economics of Regulation Prerequisite: ECON 301 (751301)	3(3-0-6)
Introduction, general theories and necessity of regulation. Fundamental principles, the role of law, and institutions in regulation. Economics of market failure and addressing market gaps. Antitrust and the regulation of market power. Regulation and game theory: strategic behavior and decision making. Regulation of state intervention, subsidisation, and industrial policies. An overview of development institutions. Public policies for innovation, technology, and regulation. Regulation of digital markets: platforms, AI, and data governance, Political economy, evaluation, and deregulation.		
751437	Tax System Prerequisite: ECON102 (751102) or ECON 106 (751106)	3(3-0-6)
Principles and purpose of taxation. The effect of taxation upon the economy, tax base and tax rate. The shifting and incidence of taxation. Principles which regulate the incidence of taxes. Principles of some major taxes. Tax system of Thailand. The relationship of taxation and economic development. Taxation and economic stabilization. Problems of taxation of developing countries. Tax as an instrument for fiscal policy.		
751440	Labor Economics Prerequisite: ECON 301 (751301)	3(3-0-6)
Introduction to labor economics, labor supply, labor demand, labor market equilibrium, wage structure, labor mobility, labor union, unemployment, labor policies and special topics in labor economics.		
751441	Economics of Water Resources Prerequisite: ECON 209 (751209) and ECON 302 (751302) ; for major or by consent of the faculty for non major	3(3-0-6)
The importance of water resources to the economy, an allocation of water resources for agricultural, municipal, industrial and environmental purposes, Roles of price mechanism and social institutions in water allocation, cost-benefit analysis, advantages in water resource development project, pollution and wastewater management, impacts of climate change on water resource managements, models of demand for surface and groundwater, river basins and watershed management and case studies.		
751443	Industrial Economics Prerequisite: ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Nature and scope of the process of industrialization, the patterns of industrial growth the structure and functioning of industries and industrial relation, location of industries.		
751444	Urban Economics Prerequisite: ECON 302 (751302)	3(3-0-6)
Economic analysis of urban location, land-use, and economic growth. Problems of urban transportation, public finance, housing, poverty and environmental quality. Urban economic planning.		
751445	Natural Resource Allocation and Policy Prerequisite: ECON 302 (751302)	3(3-0-6)
Policy analysis and allocation of natural resources to serve the target of national economic and social development.		
751447	Seminar in Current Economic Problems Prerequisite: third year standing; for Economics students only	3(3-0-6)
A general survey of current economic problems affecting economic progress and stability with special emphasis on Thailand.		

751448	Seminar in Global Investment Issues Prerequisite: ECON421 (751421) and ECON422 (751422)	3(3-0-6)
Global investment issues are presented, analyzed, and discussed.		
751451	Health Economics Prerequisite: ECON 301 (751301) and ECON 308 (751308)	3(3-0-6)
Basic concepts in health economics, public goods, externalities and health care services. Demand for and supply of health care, the economic evaluation of health programs. Technical efficiency, economic efficiency and cost of health care services. Resource allocation in health sector and the development of health. Health insurance, health care delivery system and analysis of health problems in Thailand.		
751452	Economics of Climate Change Prerequisite: ECON 301 (751301) for major; or consent of the faculty for non-major	3(3-0-6)
Global climate change, greenhouse gas emissions, and market failures. Economic tools to control greenhouse gas emissions such as carbon tax, carbon credit market, and measures to promote climate-friendly investment. Multilateral negotiation on climate change. Impact analysis of greenhouse gas reduction measures on international trade, investment, and economic growth.		
751453	Developing Application for Data Analytics in Economics Prerequisite: ECON 305 (751305)	3(3-0-6)
Review of basic econometrics and statistics. Introduction to R program language. Building a user interface. Building a user server. Application and graphic design. Developing application for analyzing economic and financial data. Publishing application on online platform.		
751455	Economics of the Welfare State Prerequisite: ECON 100 (751100) or ECON 102 (751102) or ECON 106 (751106)	3(3-0-6)
Definition, sources and patterns of welfare programs. Definition of Welfare State regimes. Theory of social justice and the State intervention. Economic theories and the State intervention. Economic theories and social risk management. Institutional economics and the path dependence. Comparative welfare state analysis: Europe VS Asia. Welfare state and impact on economy and society.		
751464	Behavioral Economics in Organizational Finance Prerequisite: ECON 100 (751100) or ECON 101 (751101) or ECON 106 (751106)	3(3-0-6)
Behavioral foundations. Introduction to behavioral analysis. Behavioral valuation. Behavioral capital budgeting. Inefficient markets and behavioral corporate decisions. Perceptions of risk and return. Behavioral capital structure. Behavioral dividend policy. Financial management and group decision-making processes. Behavioral aspects of investments.		
751465	Low-altitude Economics Prerequisite: ECON 102 (751102); For major ECON 100 or 102 (751100, 751102); For non-majors ECON 106 (751106); For non-majors/ international Program	3(3-0-6)
Introduction to the low-altitude economy. Physical and digital infrastructure for low-altitude aviation. Low-altitude airspace traffic management systems. Unmanned aerial vehicle (UAV) technologies and commercial applications. Electric vertical take-off and landing (eVTOL) aircraft and the future of urban air mobility (UAM). Safety and maintenance. Practical case studies and technological integration in the low-altitude economy. International aviation law and governance. Privacy, security, and environmental impacts. Low-altitude logistics and air transportation. Smart agriculture and infrastructure inspection. Emergency services and public safety. Business model design and cost-benefit analysis. Final group project presentations.		

751471	Economics of Decentralized Finance Prerequisite: 751101 or 751106	3(3-0-6)
<p>The mechanism of blockchain, smart contract, the mechanism and types of Crypto currencies and token exchange, the mechanism of governance token and yield farming or liquidity provider, the mechanism of stable coin and synthetic asset token, DeFi (Decentralized Finance) related businesses such as auto-compound farming business, leverage farming business, lending and borrowing business, insurance business, dashboard business, portfolio management business, decentralized multi-chain fund management business and launchpad business, the mechanism of Non-Fungible Token (NFT), NFT related businesses such as GameFi and gambling.</p>		
751472	Economics of Tokenomics and Non-Fungible Token Prerequisite: ECON101 (751101) or ECON 106 (751106)	3(3-0-6)
<p>Concepts of tokenomics and non-fungible token (NFT). How arts, music and other industries associate with non- fungible token and how to improve their values. Exploring non- fungible token marketplaces. Tokenomics of GameFi and Metaverse and GameFi investment strategies. Success and failure cases of GameFi.</p>		

Important Regulations/Guidelines



Registration Guidelines:

Adding and withdrawing from modules, taking a leave of absence, etc.



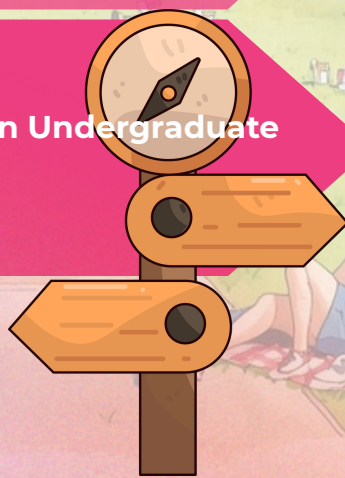
Academic Calendar 2025



Tuition Fees Regulations B.E. 2566



CMU Regulations on Undergraduate Study B.E. 2566



Important Websites/Application

Registration Office



ITSC CMU



TLIC CMU



CMU Lifelong
Education



CMU Mobile Application

For IOS

For Android



Faculty & University Services/Facilities

Faculty/University Library



ECON CMU Library



CMU Library



Faculty & University Services/Facilities

Computer Labs/Wi-Fi Network



[CMU ITSC Website](#)



[ITSC Corner](#)



Faculty & University Services/Facilities



CMU Food Courts

Chiang Mai University
Cooperative Store



Dormitory Canteens

Faculty & University Services/Facilities

Health Services



CMU Health Center

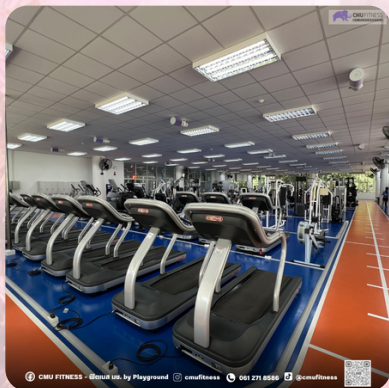


Maharaj Nakorn
Chiang Mai Hospital



Faculty & University Services/Facilities

Sports and Recreation Services



CMU Fitness



CMU Sports Center



CMU Sports venues



Contact Information

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