



MSME BUSINESS SCHOOL  
ASSUMPTION UNIVERSITY

# MSME Undergraduate Programs

**This document is for  
B.ECON Degree only.**

CURRICULUM

2 0 2 0



MSME BUSINESS SCHOOL  
ASSUMPTION UNIVERSITY

# MSME Undergraduate Programs

Information on  
Major Required Courses,  
Major Elective Courses,  
Professional Certificates,  
and Free Elective Courses

CURRICULUM

2 0 2 0

---

# Design-It-Yourself

## *Mix-and-Match Courses to Meet Your Needs*

---

### **B.ECON. Degree**

- Mix-and-match among professional certificates to meet 21 credits. (Can be any courses if do not want any certificates.)
  - But at least 15 credits must be MSME courses.
  - Those who would like to take less than 15 credits (more courses in other faculties) must submit a petition to the **Chairperson of Business Economics Department.**
- Submit a petition to the **Registrar Office** to issue a document certifying the business concentration and professional certificates.

---

# Study Plan

*For those earning the B.ECON. degree*

---

## **First and Second Years (Freshmen and Sophomore)**

During the freshmen year, all students in Business Economics pursue the same study plan consisting of general education courses, business core courses, and major required courses which provides them with the basic knowledge on all the disciplines in Economics and Business.

The study plan also prepares the students with adequate knowledge to select a business concentration/a business elective course that suits his/her ability, background, and preferences.

## **Third and Fourth Years (Junior and Senior)**

During the junior and senior years, Business Economics students follow the Economics program of studies:

1. Seven Major Required Courses
2. Five Major Electives Courses
3. Five Business Concentration Courses
4. Two Free Elective Courses

During a senior year, students also have an option to pursue their study in the University of Essex (United Kingdom), and transfer their credits into Major Elective and Business Elective Courses.

# Study Plan

*For those earning the B.ECON. degree*

## First Year

### First Semester

Course Code	Course Title	Credits
BG14031	Professional Ethic Seminar I	0
BBA 1001	Business Exploration	3
BBA 1101	Seminar in Business I	1
BEC 1301	Foundations of Mathematics and Logic	3
BEC 1401	Thinking as an Economist	3
BG 1001	English I	3
GE 1302	Ecology and Sustainability	3
GE 1403*	Communication in Thai	3
<b>Total</b>		<b>19</b>

### Second Semester

Course Code	Course Title	Credits
BG14032	Professional Ethic Seminar II	0
BAC 1621	Accounting for Economists	3
BEC 1101	Microeconomics I	3
BEC 1201	Macroeconomics I	3
BEC 1301	Basic Probability Theory and Statistics	3
BG 1002	English II	3
GE 2102	Human Heritage and Globalization	3
<b>Total</b>		<b>18</b>

\* GE1403 Communication in Thai for **THAI STUDENTS ONLY**

\* GE1405 Thai Language and culture for **INTERNATIONAL STUDENTS**

\* GE1408 Thai usage for **STUDENTS WHO GRADUATED FROM INTERNATIONAL SCHOOLS**

---

# Study Plan

*For those earning the B.ECON. degree*

---

## Second Year

### First Semester

Course Code	Course Title	Credits
BG14033	Professional Ethic Seminar III	0
BBA 1104	Fundamentals of Marketing	3
BBA 2102	Organization and Management	3
BEC 2301	Calculus I	3
BEC 2303	Fundamentals of Econometrics	3
BEC 2401	Information Literacy Skills	3
BG 2000	English III	3
<b>Total</b>		<b>18</b>

### Second Semester

Course Code	Course Title	Credits
BG14033	Professional Ethic Seminar III	0
BBA 2001	Human Behavior	3
BBA 2106	Seminar in Business II	1
BEC 2101	Microeconomics II	3
BEC 2102	Economic Decision Making for Management	3
BEC 2302	Calculus II	3
BEC 2304	Business and Economic Forecasting	3
BG 2001	English IV	3
<b>Total</b>		<b>19</b>

---

# Study Plan

*For those earning the B.ECON. degree*

---

## Third Year

### First Semester

Course Code	Course Title	Credits
BG14035	Professional Ethic Seminar V	0
BEC 3101	Firms, Competition, and Market Structure	3
BEC 3301	Computer Tools for Economic Analysis	3
BEC 3201	Macroeconomics II	3
BEC 3402	Ethics and Economics	1
BBA 2103	Corporate Finance	3
GE 2202	Ethics	3
	One Business Elective Course	3
<b>Total</b>		<b>18</b>

### Second Semester

Course Code	Course Title	Credits
BG14035	Professional Ethic Seminar VI	0
BEC 3102	Competitive Strategy	3
BEC 3302	Quantitative Methods in Economics	3
BEC 3303	Data Analysis in Business and Economics	3
BEC 3401	Professional Communication in Economics	3
	One Business Elective Course or Professional Certificates Course	3
	One Major Elective Course	3
<b>Total</b>		<b>18</b>

---

# Study Plan

*For those earning the B.ECON. degree*

---

## Fourth Year

### First Semester

Course Code	Course Title	Credits
BG14037	Professional Ethic Seminar VII	0
BEC 4401	Senior Project	3
	3 Business Elective Courses <u>or</u>	9
	Professional Certificates Courses	
	One Major Elective Course	3
<b>Total</b>		<b>15</b>

### Second Semester

Course Code	Course Title	Credits
BG14038	Professional Ethic Seminar VIII	0
	3 Major Elective Courses	9
	2 Free Elective Courses	6
<b>Total</b>		<b>15</b>



---

# Major Required Courses

*For those earning the B.ECON. degree*

---

***As major required, students must take a total of 40 credits with a minimum C grade.***

BEC 1302	Basic Probability Theory and Statistics
BEC 2101	Microeconomics II
BEC 2102	Economic Decision Making for Management
BEC 2301	Calculus I
BEC 2302	Calculus II
BEC 2303	Fundamentals of Econometrics
BEC 2304	Business and Economic Forecasting
BEC 3101	Firms, Competition and Market Structure
BEC 3102	Competitive Strategy
BEC 3201	Macroeconomics II
BEC 3302	Quantitative Methods in Economics
BEC 3303	Data Analysis in Business and Economics
BEC 3402	Ethics and Economics
BEC 4401	Senior Project

---

# Major Elective Courses

*For those earning the B.ECON. degree*

---

***As major elective, students must take a total of 15 credits with a minimum D grade.***

BEC 3403	Monetary Economics
BEC 3404	Labor Economics
BEC 3405	Economic Valuation of Projects
BEC 3406	Public Economics
BEC 3407	Economic Development in Historical Context
BEC 3408	Economics of Sustainability
BEC 3409	International Finance
BEC 3410	Asset Pricing
BEC 3411	International Trade
BEC 4001	Internship
BEC 4101	Microeconomics III
BEC 4102	Microeconomics IV
BEC 4201	Macroeconomics III
BEC 4202	Macroeconomics IV
BEC 4301	Advanced Econometrics I
BEC 4302	Advanced Econometrics II
BEC 4303	Applied Economics I
BEC 4304	Applied Economics II
BEC 4402	Special Topics in Economics
BEC 4403	Honor Thesis

---

# Professional Certificates

---

## MSME Courses

*\*A minimum passing grade is D.*

### **A total of 15 credits for each certificate**

1. Digital Business Management
2. Entrepreneurship and Innovation Management
3. Finance
4. Hospitality and Tourism Management
5. Risk management and insurance
6. International Business Management
7. Marketing
8. Real Estate
9. Supply Chain Management
10. FinSurance
11. Global Supply Chain Strategy

---

# Professional Certificates

---

## MSME Courses

*\*A minimum passing grade is D.*

### **A total of 9 credits for each certificate**

- |   |                                       |
|---|---------------------------------------|
| 1. Business and Economic Data Analysis        | 11. Digital Commerce                  |
| 2. Creative Idea Development                  | 12. Data Science                      |
| 3. Business Startup                           | 13. Innovative Technology             |
| 4. Advanced Investment and Risk Management    | 14. Digital Marketing                 |
| 5. Tourism and MICE                           | 15. Modern Marketing                  |
| 6. Food and Beverage Operation for Restaurant | 16. Real Estate Business              |
| 7. Airline Business Management                | 17. Real Estate Business in Practices |
|   | <i>*Only Real Estate students</i>     |
|   | <i>**A minimum passing grade is C</i> |
| 8. Cross Cultural Business Studies            | 18. Commercial Property Management    |
| 9. Global Supply Chain Management             | 19. Supply Chain Management           |
| 10. Risk Management and Insurance             |                                       |

### **A total of 3 credits for each certificate**

- 20. Catering, Bakery and Pastry
- 21. Personality and Communication Development
- 22. Tour Guiding and Tour Operation

---

# Professional Certificates

---

## Other faculty Courses

### **LOUIS NOBIRON SCHOOL OF MUSIC**

1. Music Business *(6 credits)*
2. Music Appreciation *(6 credits)*
3. Pop Songwriting *(6 credits)*
4. Music Therapy *(3 credits)*
5. Music Performance *(6 credits)*

### **VINCENT MARY SCHOOL OF SCIENCE AND TECHNOLOGY**

6. Mobile Application Design and Development *(9 credits)*
7. IoT Business Applications *(9 credits)*

### **MONTFORT DEL ROSARIO SCHOOL OF ARCHITECTURE**

8. Architectural Business *(12 credits)*
9. Design and Imagination *(12 credits)*
10. Lighting Design *(12 credits)*
11. History and Culture (ART) *(12 credits)*

### **THEODORE MARIA SCHOOL OF ARTS**

12. Chinese for Beginners I *(3 credits)*
13. Listening and Speaking *(3 credits)*
14. English for Tourism *(3 credits)*
15. Japanese for Beginners I *(3 credits)*

### **ALBERT LAURENCE SCHOOL OF COMMUNICATION ARTS**

16. Art and Design for Communication *(9 credits)*

### **THEOPHANE VERNARD SCHOOL OF BIOTECHNOLOGY**

17. Getting Start with Biotechnology *(9 Credits)*
18. Food and Well-being *(9 Credits)*

### **BERNADETTE DE LOURDES SCHOOL OF NURSING SCIENCE**

19. Basic Life Support *(3 credits)*

# MSME Courses

*\*A minimum passing grade is D.*

## 15-Credit Certificates

<b>1. Digital Business Management</b> <ul style="list-style-type: none"> <li>BDM 3201 Digital Business</li> <li>BDM 3202 Digital Commerce</li> <li>BDM 3203 Cybersecurity</li> <li>BDM 3204 Enterprise Resource Planning</li> <li>BDM 3205 Information Systems Strategy, Management, and Acquisition</li> </ul>	<b>4. Hospitality and Tourism Management</b> <ul style="list-style-type: none"> <li>BHT 3201 Introduction to Hospitality and Tourism Management (<i>Pre-requisite is BBA 1104</i>)</li> <li>BHT 3202 Consumer Behavior in Hospitality and Tourism (<i>Pre-requisite is BBA 1104</i>)</li> <li>BHT 3203 Food and Beverage Management (<i>Pre-requisite is BBA 2102</i>)</li> <li>BHT 3204 Personality and Communication in Hospitality and Tourism (<i>Pre-requisite is BHT 3201</i>)</li> <li>BHT 3205 Marketing for Hospitality and Tourism (<i>Pre-requisite is BHT 3201</i>)</li> </ul>
<b>2. Entrepreneurship and Innovation Management</b> <ul style="list-style-type: none"> <li>BEN 3201 Innovation and Design Thinking (<i>Pre-requisite is BBA 2102</i>)</li> <li>BEN 3202 Entrepreneurial Commercialization (<i>Pre-requisite is BBA 1104</i>)</li> <li>BEN 3304 Project Management (<i>Pre-requisite is BBA 2102</i>)</li> <li>BEN 4212 Growth Mindset and Sustaining Organization</li> <li>BEN 4214 Entrepreneurial Strategic Management (<i>Pre-requisite is Senior standing</i>)</li> </ul>	<b>5. Risk Management and Insurance</b> <ul style="list-style-type: none"> <li>BRM 3211 Risk Management and Insurance</li> <li>BRM 3221 Property Insurance (<i>Pre-requisite is BRM 3211</i>)</li> <li>BRM 3222 Casualty Insurance (<i>Pre-requisite is BRM 3211</i>)</li> <li>BRM 3223 Life Assurance (<i>Pre-requisite is BRM 3211</i>)</li> </ul>
<b>3. Finance</b> <ul style="list-style-type: none"> <li>BFN 3211 Investment Strategy and Applied Valuation (<i>Pre-requisite is BBA 2103</i>)</li> <li>BFN 3222 Financial Modeling and Analysis Tools (<i>Pre-requisites are BBA 2103 and completion of 80 credits</i>)</li> <li>BFN 4314 Personal Wealth Management and Financial Planning (<i>Pre-requisites are BBA2103 &amp; completion of 100 credits</i>)</li> <li>BFN 4421 Portfolio Management and Analysis (<i>Pre-requisites are BFN 3211 &amp; completion of 121 credits</i>)</li> <li>BFN 4431 Startup Finance and FinTech (<i>Pre-requisites are BBA2103 &amp; completion of 100 credits</i>)</li> </ul>	<b>6. International Business Management</b> <ul style="list-style-type: none"> <li>BIB 3201 Cross Cultural Human Resource Management (<i>Pre-requisite is BBA 2104</i>)</li> <li>BIB 3202 Export-Import Policy and Strategy (<i>Pre-requisite is BBA 2104</i>)</li> <li>BIB 3203 Global Business in Practice (<i>Pre-requisite is BBA 1104</i>)</li> <li>BIB 3204 International Management (<i>Pre-requisite is BIB 3201</i>)</li> <li>BIB 4209 International Strategic Management (<i>Pre-requisite is BIB 3204 and Completion of 118 credits</i>)</li> </ul>

# MSME Courses

*\*A minimum passing grade is D.*

## 15-Credit Certificates

### 7. Marketing

- BMK 3201 Consumer Behavior *(Pre-requisite is BBA 1104 and BBA 2001)*
- BMK 3202 Digital Marketing *(Pre-requisite is BBA 1104)*
- BMK 3203 Brand Driven Innovation *(Pre-requisite is BBA 1104)*
- BMK 3204 Competitive Analysis and Strategy *(Pre-requisite is BBA 1104 Completed 75 credits)*
- BMK 4302 Contemporary Issues in Marketing *(Pre-requisite is BBA 1104 and Completed 75 credits)*

### 10. FinSurance

- BFN 3211 Investment Strategy and Applied Valuation *(Pre-requisite is BBA 2103)*
- BFN 4314 Personal Wealth Management and Financial Planning *(Pre-requisites are BBA 2103 & completion of 100 credits)*
- BFN 4431 Startup Finance and FinTech *(Pre-requisites are BBA 2103 & completion of 100 credits)*
- BRM 3211 Risk Management and Insurance
- BRM 3221 Property Insurance *(Pre-requisite is BRM 3211)*

### 8. Real Estate

- BRE 3201 Real Estate Business *(Pre-requisite is BBA 1001)*
- BRE 3202 Real Estate Law
- BRE 3203 Real Estate Economics *(Pre-requisites are BBA 1002 and BBA 2002)*
- BRE 3204 Building Design and Construction Techniques
- BRE 3205 Real Estate Development *(Pre-requisite is BRE 3201)*

### 11. Global Supply Chain Strategy

- BIB 3202 Export-Import Policy and Strategy *(Pre-requisite is BBA 2104)*
- BDM 3204 Enterprise Resource Planning
- BSC 3204 International Transportation and Distribution Management\*  
*(\*Only for taking BSC3204 as Business Concentration course Pre-requisite is BBA 2105)*
- BSC 3205 Warehousing and Material Handling\*  
*(\*Only for taking BSC3205 as Business Concentration course Pre-requisite is BBA 2105)*
- BIB 4406 Global Supply Chain Management *(Pre-requisite is BIB 3202)*

### 9. Supply Chain Management

- BSC 3201 Logistics and Supply Chain Management *(Pre-requisite is BBA 2102)*
- BSC 3203 Lean Manufacturing and Agile Supply Chain *(Pre-requisite is BSC 3201)*
- BSC 3204 International Transportation and Distribution Management *(Pre-requisite is BSC 3201)*
- BSC 3205 Warehousing and Material Handling *(Pre-requisite is BSC 3201)*
- BSC 4302 Procurement and Supply Management *(Pre-requisite is BBA 2105)*

# MSME Courses

*\*A minimum passing grade is D.*

## 9-Credit Certificates

<b>1. Business and Economic Data Analysis</b> <ul style="list-style-type: none"> <li>BEC 2303 Fundamental of Econometrics</li> <li>BEC 2304 Business and Economic Forecasting</li> <li>BEC 3303 Data Analysis in Business and Economics</li> </ul>	<b>6. Food and Beverage Operation for Restaurant</b> <i>(Pre-requisite is BBA 2102)</i> <ul style="list-style-type: none"> <li>BHT 3404 Food and Beverage Service</li> <li>BHT 3405 Kitchen Operation</li> <li>BHT 3406 Catering, Bakery and Pastry</li> </ul>
<b>2. Creative Idea Development</b> <ul style="list-style-type: none"> <li>BEN 3201 Innovation and Design Thinking <i>(Pre-requisite is BBA 2102)</i></li> <li>BEN 3202 Entrepreneurial Commercialization <i>(Pre-requisite is BBA 1104)</i></li> <li>BEN 3406 Legal Aspects and IP of Entrepreneurship</li> </ul>	<b>7. Airline Business Management</b> <i>(Pre-requisite is BBA 2102)</i> <ul style="list-style-type: none"> <li>BHT 3407 Introduction to Airline Business Management</li> <li>BHT 3408 Ground Operation Management</li> <li>BHT 3409 In-flight Service Management</li> </ul>
<b>3. Business Startup</b> <i>(Pre-requisite is Senior standing)</i> <ul style="list-style-type: none"> <li>BEN 4214 Entrepreneurial Strategic Management</li> <li>BEN 4418 Current Issues in Entrepreneurship and Innovation</li> <li>BEN 4420 Creative Industries Entrepreneurship</li> </ul>	<b>8. Cross Cultural Business Studies</b> <ul style="list-style-type: none"> <li>BIB 3201 Cross Cultural Human Resource Management <i>(Pre-requisite is BBA 2104)</i></li> <li>BIB 3204 International Management <i>(Pre-requisite is BIB 3201)</i></li> <li>BIB 3404 Cross Cultural Communication, Conflict and Negotiation <i>(Pre-requisite is BBA 2104)</i></li> </ul>
<b>4. Advanced Investment and Risk Management</b> <ul style="list-style-type: none"> <li>BFN 3211 Investment Strategy and Applied Valuation <i>(Pre-requisite is BBA 2103)</i></li> <li>BFN 3224 Derivatives and Risk Management <i>(Pre-requisite is BFN 3211 and Completion of 100 credits)</i></li> <li>BFN 4421 Portfolio Management and Analysis <i>(Pre-requisite is BFN 3211 and Completion of 121 credits)</i></li> </ul>	<b>9. Global Supply Chain Management</b> <ul style="list-style-type: none"> <li>BIB 3202 Export-Import Policy and Strategy <i>(Pre-requisite is BBA 2104)</i></li> <li>BIB 4305 Designing and Managing Global Operations <i>(Pre-requisite is BBA 2105)</i></li> <li>BIB 4406 Global Supply Chain Management <i>(Pre-requisite is BIB 3202)</i></li> </ul>
<b>5. Tourism and MICE</b> <i>(Pre-requisite is BBA 2102)</i> <ul style="list-style-type: none"> <li>BHT 3414 Tour Guiding and Operation in Practice</li> <li>BHT 3415 Tourist Destination Management</li> <li>BHT 3416 Introduction to MICE Business</li> </ul>	<b>10. Risk Management and Insurance</b> <ul style="list-style-type: none"> <li>BRM 3211 Risk Management and Insurance</li> <li>BRM 3221 Property Insurance <i>(Pre-requisite is BRM 3211)</i></li> <li>BRM 3223 Life Assurance <i>(Pre-requisite is BRM 3211)</i></li> </ul>



# MSME Courses

*\*A minimum passing grade is D.*

## 9-Credit Certificates

<b>11. Digital Commerce</b> <ul style="list-style-type: none"> <li>BDM 3201 Digital Business</li> <li>BDM 3202 Digital Commerce</li> <li>BDM 3203 Cybersecurity</li> </ul>	<b>16. Real Estate Business</b> <ul style="list-style-type: none"> <li>BRE 3201 Real Estate Business (Pre-requisite is BBA 1001)</li> <li>BRE 3205 Real Estate Development (Pre-requisite is BRE 3201)</li> <li>BRE 3422 Implications of Real Estate Finance and Appraisal</li> </ul>
<b>12. Data Science</b> <ul style="list-style-type: none"> <li>BDM 3301 Data Analytics Fundamentals</li> <li>BDM 3302 Data Management</li> <li>BDM 3303 Data Mining</li> </ul>	<b>17. Real Estate Business in Practices</b> <i>*Only Real Estate students</i> <i>**A minimum passing grade is C</i> <ul style="list-style-type: none"> <li>BRE 4411 Advanced Real Estate Investment Analysis (Pre-requisite is BRE 4301)</li> <li>BRE 4412 Contemporary Issues in Real Estate business (Pre-requisite is BRE 3205)</li> <li>BRE 4451 Internship in Real Estate Business (Consent of the Department Chairperson)</li> </ul>
<b>13. Innovative Technology</b> <ul style="list-style-type: none"> <li>BDM 3401 Artificial Intelligence (AI)</li> <li>BDM 3402 Blockchain and Financial Technology</li> <li>BDM 3403 Robotic Process Automation</li> </ul>	<b>18. Commercial Property Management</b> <ul style="list-style-type: none"> <li>BRE 3201 Real Estate Business (Pre-requisite is BBA 1001)</li> <li>BRE 3303 Commercial Property Management (Pre-requisite is BRE 3201)</li> <li>BRE 4431 Contemporary Issues in Commercial Property Management (Pre-requisite is BRE 3303)</li> </ul>
<b>14. Digital Marketing</b> (Pre-requisite is BMK 3202) <ul style="list-style-type: none"> <li>BMK 3410 Digital Consumer Insights</li> <li>BMK 3411 Content Marketing</li> <li>BMK 4403 Digital Media Strategy</li> </ul>	<b>19. Supply Chain Management</b> <ul style="list-style-type: none"> <li>BSC 3203 Lean Manufacturing and Agile Supply Chain (Pre-requisite is BBA 2102)</li> <li>BSC 3204 International Transportation and Distribution Management (*Only for taking BSC3204 as certificate course Pre-requisite is BBA 2105)</li> <li>BSC 4302 Procurement and Supply Management (Pre-requisite is BBA 2105)</li> </ul>
<b>15. Modern Marketing</b> (Pre-requisite is BBA 1104) <ul style="list-style-type: none"> <li>BMK 3412 Experiential Marketing</li> <li>BMK 3413 Lifestyle Marketing</li> <li>BMK 4401 Sustainability Marketing</li> </ul>	

---

# MSME Courses

---

*\*A minimum passing grade is D.*

## 3-Credit Certificates

### 20. Catering, Bakery and Pastry

- BHT 3406 Catering, Bakery and Pastry (*Pre-requisite is BBA 2102*)

### 21. Tour Guiding and Tour Operation

- BHT 3414 Tour Guiding and Operation in Practice (*Pre-requisite is BBA 2102*)

### 22. Personality and Communication Development

- BHT 3410 Perfecting Personality for Career and Life (*Pre-requisite is BBA 2102*)

*\*\*Not to be taken with BHT 3204\*\**

# Other faculty Courses

*\*Please check pre-requisite subject with each faculty*

LOUIS NOBIRON SCHOOL OF MUSIC	
<i>*A minimum passing grade is C.</i>	
<b>1. Music Business (6 credits)</b> <ul style="list-style-type: none"> <li>• MB2531 Music Business</li> <li>• MB2532 Music Industry</li> </ul>	<b>4. Music Therapy (3 credits)</b> <ul style="list-style-type: none"> <li>• MU3602 Music Therapy</li> </ul>
<b>2. Music Appreciation (6 credits)</b> <ul style="list-style-type: none"> <li>• MU1001 Music Appreciation</li> <li>• MU1702 Popular Music Appreciation</li> </ul>	<b>5. Music Performance (6 credits)</b> <ul style="list-style-type: none"> <li>• MA1301 Applied Music I</li> <li>• MA1302 Applied Music II</li> <li>• MA2301 Applied Music III</li> </ul>
<b>3. Pop Songwriting (3 credits)</b> <ul style="list-style-type: none"> <li>• MB1131 Pop Songwriting</li> </ul>	
VINCENT MARY SCHOOL OF SCIENCE AND TECHNOLOGY	
<i>*A minimum passing grade is C.</i>	
<b>6. Mobile Application Design and Development (9 credits)</b> <ul style="list-style-type: none"> <li>• ITX 3001 Fundamentals of Computer Programming</li> <li>• ITX 2004 UI/UX Design and Prototyping <i>Or DM 3403 UI and UX Design (offered by Albert Laurence School of Communication Arts)</i></li> <li>• CSX 4108 iOS Application Development <i>Or CSX 4109 Android Application Development</i></li> </ul>	<b>7. IoT Business Applications (9 credits)</b> <ul style="list-style-type: none"> <li>• ITX 3001 Fundamentals of Computer Programming</li> <li>• CSX 2009 Cloud Computing</li> <li>• CSX 4306 Internet of Things</li> </ul>

# Other faculty Courses

*\*Please check pre-requisite subject with each faculty*

## MONTFORT DEL ROSARIO SCHOOL OF ARCHITECTURE

*\*A minimum passing grade is D.*

<p><b>8. Architectural Business (12 credits)</b> <b>select <u>four</u> courses</b></p> <ul style="list-style-type: none"> <li>• AR 5417 Project Management (Semester 2/20xx) (or) IND 4301 Design Management (Semester 1/20xx)</li> <li>• IND 4409 Brand Experience in Art and Design (Semester 1/20xx)</li> <li>• AR 4106 Method of Research and Data Processing (Semester 2/20xx)</li> <li>• AR 5407 Real Estate Development (Semester 2/20xx)</li> <li>• AR 5425 Project Feasibility Study (Semester 1/20xx)</li> </ul>	<p><b>10. Lighting Design (12 credits)</b> <b>select <u>one</u> course</b></p> <ul style="list-style-type: none"> <li>• GS 1006 Creative Culture and Trends in Design (or) IN 2106 Contemporary Issues in Design (Semester 1/20xx)</li> <li>• IND 1104 Human Factors in Design (Semester 2/20xx)</li> </ul> <p><b>AND select <u>three</u> specialized courses</b></p> <ul style="list-style-type: none"> <li>• AR 5415 Interactive Features Design (Semester 2/20xx) (or) IND 4307 Interaction Design (Semester 2/20xx)</li> <li>• IN 2304 Lighting Design for Interior Architecture (Semester 3/20xx) (or) IND 3306 Lighting Design (Semester 2/20xx)</li> <li>• AR 5420 Lighting, Perception and Culture</li> </ul>
<p><b>9. Design and Imagination (12 credits)</b> <b>select <u>three</u> courses</b></p> <ul style="list-style-type: none"> <li>• GS 1004 Art of Delineation</li> <li>• AR 1002 Visual Studies and Communication (Semester 1/20xx) (or) IN 1101 Visual Study in Interior Architecture (Semester 1/20xx) (or) IND 1101 Visual Design (Semester 1/20xx)</li> <li>• GS 1006 Creative Culture and Trends in Design (or) IN 2106 Contemporary Issues in Design (Semester 1/20xx)</li> <li>• IND 1103 Interior Design Rendering (Semester 2/20xx)</li> <li>• IND 1306 Design Fundamental I (Semester 2/20xx)</li> </ul> <p><b>AND select <u>one</u> specialized course</b></p> <ul style="list-style-type: none"> <li>• IND 1307 Design Fundamental II (Semester 2/20xx)</li> <li>• IND 2308 Furniture Design and Production (Semester 3/20xx) (or) IND 4410 Furniture Design and Production (Semester 3/20xx)</li> <li>• IND 2309 Material Application in Interior Architecture (Semester 2/20xx) (or) IND 2306 Material and Application for IND (Semester 2/20xx)</li> <li>• IND 4408 Decorative Art (Semester 1/20xx)</li> <li>• IND 4409 Brand Experience in Art and Design (Semester 1/20xx)</li> <li>• AR 5405 Individual Study in Architecture (Semester 1/20xx)</li> <li>• AR 5409 Architectural Psychology (Semester 2/20xx)</li> </ul>	<p><b>11. History and Culture (ART) (12 credits)</b> <b>select <u>one</u> course</b></p> <ul style="list-style-type: none"> <li>• GS 1006 Creative Culture and Trends in Design (or) IN 2106 Contemporary Issues in Design (Semester 1/20xx)</li> </ul> <p><b>AND select <u>three</u> specialized courses</b></p> <ul style="list-style-type: none"> <li>• AR 1108 History of Art and Architecture (Semester 2/20xx) (or) IN 1105 Art and Architectural History (Semester 3/20xx) (or) IND 2301 History of Interior Design (Semester 1/20xx)</li> <li>• AR 3109 History of Thai Architecture (Semester 2/20xx)</li> <li>• IN 5417 Art Appreciation (Semester 1/20xx)</li> <li>• IND 4408 Decorative Art (Semester 1/20xx)</li> </ul>

# Other faculty Courses

*\*Please check pre-requisite subject with each faculty*

<b>THEODORE MARIA SCHOOL OF ARTS</b> <i>*A minimum passing grade is C.</i>	
<b>12. Chinese for Beginners I</b> (3 credits) <ul style="list-style-type: none"> <li>• CN 0400 Chinese for Beginners I</li> </ul>	<b>14. English for Tourism</b> (3 credits) <ul style="list-style-type: none"> <li>• EN 3281 English for Tourism (Pre-requisite is BG 2000)</li> </ul>
<b>13. Listening and Speaking</b> (3 credits) <ul style="list-style-type: none"> <li>• EN 2230 Listening and Speaking (Pre-requisite is BG 1002 )</li> </ul>	<b>15. Japanese for Beginners I</b> (3 credits) <ul style="list-style-type: none"> <li>• JA 0721 Japanese for Beginners I</li> </ul>
<b>ALBERT LAURENCE SCHOOL OF COMMUNICATION ARTS</b> <i>*A minimum passing grade is C.</i>	
<b>16. Art and Design for Communication</b> (9 credits) <i>Select 3 courses</i> <ul style="list-style-type: none"> <li>• ART 1208 Computer Graphics Foundation</li> <li>• ART 2311 Photography</li> <li>• ART 1001 Drawing (Pre-requisite is ART 0011)</li> <li>• ART 3924 Printmaking</li> </ul>	
<b>THEOPHANE VERNARD SCHOOL OF BIOTECHNOLOGY</b> <i>*A minimum passing grade is D.</i>	
<b>17. Getting Start with Biotechnology</b> (9 credits) <ul style="list-style-type: none"> <li>• FBT 1001 Overview of Agro-Industry</li> <li>• FBT 1002 Biotechnology for Beginner</li> <li>• FBT 4009 Everyday uses of Bio-based products</li> </ul>	<b>18. Food and Well-being (9 Credits)</b> <ul style="list-style-type: none"> <li>• FT 1001 Food Technology Exploration</li> <li>• FT 4133 Introduction to Wine Appreciation</li> <li>• FT 4134 Food Health and Beauty</li> </ul>
<b>BERNADETTE DE LOURDES SCHOOL OF NURSING SCIENCE</b> <i>*A minimum passing grade is C.</i>	
<b>19. Basic Life Support</b> (3 credits) <ul style="list-style-type: none"> <li>• NE 4504 Basic Life Support</li> </ul>	

# Free Elective Courses



## Announcement MSME Academic Advising (For Student ID 63X onwards)



Martin de Tours School of Management and Economics (MSME) students are **NOT** allowed to enroll the following subjects as **free elective courses**: -

Subject Code	Subject Name
ACT 1601	Fundamentals of Financial Accounting
ACT 1602	Fundamentals of Financial Accounting
BAC 1103	Fundamentals of Financial Accounting
BAC 1601	Fundamentals of Financial Accounting
BAC 1602	Fundamentals of Financial Accounting I
BAC 1603	Fundamentals of Financial Accounting II
BAC 1621	Accounting for Economists
BBA 1003	Introduction to Microeconomics and Personal Finance
BEC 2200	Introduction to Economics
BEC 1101	Microeconomics I
BEC 1201	Macroeconomics I
BEN 3001	Entrepreneur and Innovation
BG 1301	Fundamentals of Statistics
BG 1400	Business Law I
BG 1401	Business Law II
ECO 2202	Macroeconomics
ECO 2531	Principles of Microeconomics
ECO 2541	Principles of Macroeconomics

Subject Code	Subject Name
ECO 2541	Principles of Macroeconomics
GE 1101	Thai Civilization
GE 1103	Thai Historical Perspectives
GE 1203	Society, Politics and Economics
GE 1207	Fundamental Psychology
GE 1301	Environmental Science
GE 1403	Communication in Thai (For Thai students only)
GE 1404	Thai Culture and Tradition
GE 1405	Thai Language and Culture (For International students)
GE 1408	Thai usage (For students who graduated from international schools)
GE 2101	World Civilization
GS 1008	Applied Mathematics
MA 1000	Business Mathematics and Statistics
SA 1201	Statistics I
SA 2200	Statistics II

In addition to the above courses, students are not allowed to enroll in courses from previous curriculum of the Martin de Tours School of Management and Economics unless they have obtained a written permission from the School. These courses are designated with the following letter codes: ACT, BIS, ECO, FIN, HTM, IBM, IDM, IML, INS, MGT, MIS, MKT, and REM.

Updated as of Nov 30, 2021

Announced by Academic Advising Center (Martin de Tours School of Management and Economics)



## **MSME** Undergraduate Programs