List of the required courses of the Department of Economics and Finance，Ming Chuan University （applicable to the 2017 freshman class）

| Course |  | Credits | Hours | 1styear |  |  |  | 2ndyear |  |  |  | 3rdyear |  |  |  | 4thyear |  |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fall |  | Spring |  | Fall |  | Spring |  | Fall |  | Spring |  | Fall |  | Spring |  |  |
|  |  | Class |  | Lab | Class | Lab | Class | Lab | Class | Lab | Class | Lab | Class | Lab | Class | Lab | Class | Lab |  |
| Core <br> Required <br> Courses | Chinese Literature： <br> Appreciation and Creative Writing I |  | 2 | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Chinese Literature： <br> Appreciation and Creative Writing II |  | 2 | 2 |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | 備註 1 |
|  | Practical English I | 0 | 2 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Practical English II | 0 | 2 |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Practical English III | 0 | 2 |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | PracticalEnglish IV | 0 | 2 |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |
|  | English for Business Communication I | 2 | 3 |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |  |
|  | English for Business Communication II | 2 | 3 |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |
|  | Practical English for Professional Purposes I | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |
|  | Practical English for Professional Purposes II | 2 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |
|  | Applied Information <br> Technology：Office Software | 2 | 3 | 2 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 備註 1 |  |
|  | Programing Design | 2 | 3 |  |  | 2 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | General Education | 12 | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 備註 2 |  |
|  | Physical Education I～VI | 0 | 12 | 2 |  | 2 |  | 2 |  | 2 |  | 2 |  | 2 |  |  |  |  |  |  |  |
|  | Subtotal | 28 | 54 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Professional <br> Required <br> Courses | Economics I | 3 | 5 | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Economics II | 3 | 5 |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Calculus | 3 | 4 | 3 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Economic Mathematics | 3 | 4 |  |  | 3 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Introduction to Finance and Financial ethics | 2 | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Accounting I | 3 | 5 | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Accounting II | 3 | 5 |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Statistics I | 3 | 4 |  |  |  |  | 3 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Statistics II | 3 | 4 |  |  |  |  |  |  | 3 | 1 |  |  |  |  |  |  |  |  |  |  |
|  | Microeconomics I | 3 | 5 |  |  |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Microeconomics II | 3 | 5 |  |  |  |  |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |
|  | Macroeconomics I | 3 | 5 |  |  |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Macroeconomics II | 3 | 5 |  |  |  |  |  |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |
|  | Financial Management I | 2 | 3 |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Financial Management II | 2 | 3 |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |  |  |  |
|  | Money and Banking | 2 | 2 |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |
|  | Econometrics I | 2 | 3 |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |  |


|  | Econometrics II |  | 2 | 3 |  |  |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Financial Economics |  | 2 | 2 |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |
|  | International finance |  | 2 | 2 |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |  |  |
|  | Industrial economics |  | 2 | 2 |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |  |
|  | Investment |  | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  | Seminar on Economics I |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
|  | Seminar on Economics II |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |
|  | Business Practicum I |  | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |
|  | Business Practicum II |  | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |
|  | Subtotal |  | 63 | 87 | 11 | 5 | 9 | 5 | 11 | 6 | 11 | 6 | 9 | 1 | 7 | 1 | 3 | 0 | 2 | 0 |  |
| Elective <br> Courses | Elective <br> By Major | Markets and Institutions (E) | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  | taught in <br> English |
|  |  | Financial Institutions Management | 3 | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |
|  |  | Analysis of Financial Statements | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  | International <br> Corporate <br> Finance | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  | E-commerce of Finance | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  | Information System of Finance | 3 | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |
|  |  | Mining and Analysis of Big Data | 3 | 3 |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |
|  |  | Financial Technology | 3 | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |
|  |  | Programming an Designing of Information System for FinTech | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  | Packages in Economics Software | 3 | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  | Computer <br> Course |
|  |  | Managerial Economics | 3 | 3 |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |
|  |  | Healthcare Industry | 3 | 3 |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |
|  |  | Industrial <br> Economics <br> Analysis | 3 | 3 |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |
|  |  | Labor <br> Economics | 3 | 3 |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  |  |  |  |
|  |  | Trade Theory and Policy | 3 | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |




Notes:

1. In accordance with the university code, undergraduates must pass the evaluation of service-and-learning, English proficiency, IT literacy, Chinese proficiency, fitness requirement, major core competency before graduation.
2. Students must take 12 credit hours from general education courses, which are classified into three categories: arts and literature, social science, and natural science. Each of the three categories is further divided into core and extension levels from which students must take at least 1 course to fulfill graduation requirement.
3. The elective courses of the department covers the fields of industry economics and finance and students are required to take at least 3 courses from each field.

| Classification | (1) Industry Economics | (2) Finance |
| :---: | :---: | :---: |
| Courses | Trade theory and policy | Analysis of financial statements |
|  | Industrial Economics Analysis | Futures and Options |
|  | Managerial Economics | International corporate finance |
|  | Game Theory and Its Application | Individual financial planning |
|  | Economics of regulation | Management of financial risks |
|  | Healthcare industry | Financial Markets and Institutions (E) |
|  | Seminar in regional economics | Financial Institutions Management |
|  | Labor Economics | Development of financial instruments |
|  | On-line micro enterprise | E-commerce of finance |
|  | Analysis of IT industry | Information system of finance |
|  | International Business | Mining and analysis of big data |
|  | Seminar in cross-strait economics | Seminar in economic and financial news |
|  | Packages in Economics Software | Financial technology |
|  | Reading in economic and financial materials | Financial laws |
|  | Programming and Designing of Information System for FinTech | Reading in economic and financial materials |
|  | Application of FinTech I | Packages in Economics Software |
|  | Application of FinTech II | Programming and Designing of Information System for FinTech |
|  |  | Application of FinTech I |
|  |  | Application of FinTech II |

4. All the credits earned from the interdisciplinary focused course programs, or no more than 20 credits earned from the elective courses offered by the other departments, are accepted; All students are required to take at least three elective courses from the two fields.
5. Any credits beyond the 12 from general education and education program is not counted as the graduation credits.
6. A 2-semester (total 6 credits) non-synchronized on-line economics course will be added hereon.
7. The elective courses listed in the course structure will be applicable to students enrolled in the department before 2017.
8. Upon the approval of the chairman of the department, students that need to retake certain required courses can enroll in the courses offered by the other departments with the same title and credit hours. This code applies to the students enrolling in the department before 2017.
