

National Chung Cheng University
Department of Economics
Bachelor Program General Requirements

For freshmen enrolled in the fall semester of 2024 **2024.4**

I. Students enrolled in the Bachelor program must complete a minimum of 128 credit hours, including								
(1) General Education Courses	28	credit hours						
(2) Professional Required Courses	45	credit hours						
(3) Professional Elective Courses	30	credit hours						
(4) Free Elective Courses	25	credit hours						
Required Course List	First year		Second year		Third year		Fourth year	
(1) General Education: 28 credit hours	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Chinese & English language competency:								
● Chinese language knowledge and its application (4 credits)	2	2						
● English language skills (4 credits)	2	2						
Notes:								
✧ General education courses offered by the Department of Economics and courses on the list of exclusions are not counted towards the required 28 credit hours.								
✧ For more information, consult the General Education Center and Economics Department Office.								
All undergraduate students must complete a community service learning course according to National Chung Cheng University guidelines for service learning curriculum implementation.								
(2) Professional Required courses: 45 credit hours								
Principles of Economics (I) (II)	3	3						
Calculus (I) (II)	3	3						
Accounting (I)	3							
Introduction to Computers	3							
Microeconomics (I) (II)			3	3				
Macroeconomics (I) (II)			3	3				
Statistics (I) (II)			3	3				
Econometrics (I)					3			
International Trade: Theory and Policy (I)					3			
International Finance: Theory and Policy (I)						3		

(3) Professional Elective courses: 30 credit hours

- Students must take and pass at least one course from Money and Banking , Public Finance and Public Economics.
- All elective courses offered by the Department of Economics are included.
- The following courses are also counted as professional elective courses:
Linear Algebra (offered by the Department of Mathematics), Linear Algebra (I)(II) (offered by the Department of Mathematics), Financial Management (I)(II) (offered by the Department of Finance), Chinese Economic History (offered by the Department of History), Commercial Law, Business Ethics and Accounting (II) .

(4) Free Elective courses: 25 credit hours

- Students can take free elective courses from the professional elective courses offered by the Department of Economics and the courses offered by other departments. However, the courses offered by other departments that are closely similar to the Economics required courses and overloaded credit hours from the general education courses are excluded.
- Students can take courses in the Economics graduate program once they have reached the second semester of their third year. Those courses are counted as free elective courses.

II. Department Level Interdisciplinary Program Requirements

1. Actuarial Economy Program

- Students must complete all the courses required by the Economics department.
- Students must take four of the following professional elective courses (each course is 3 credit hours): Advanced Statistics (I); Advanced Statistics (II); Econometrics (II); Financial Management (I) and Financial Management (II)
- Students must take three of the following free elective courses (each course is 3 credit hours): Introduction to Probability; Statistics Inference or Statistical Science; Statistical Methods; Insurance Law(2 credit hours) and Risk Management and Insurance.

2. International Political Economics Program

- Students must complete all the courses required by the Economics department.
- Students must take five of the following professional elective courses (each course is 3 credit hours): International Finance :Theory and Policy(I) ; International Trade :Theory and Policy(I) ; Public Finance; Development Economics; Public Economics; Asia-Pacific Economics; Economy of Mainland China.
- Students must take two of the following free elective courses (each course is 3 credit hours): Political Science (I); Political Science (II); International Relations (I); International Relations (II); and International Political Economy.

3. Managerial Economics Program

- Students must complete all the courses required by the Economics department.
- Students must take five of the following professional elective courses (each course is 3 credit hours): Financial Management (I); Financial Management (II); Managerial Economics; Regulatory Economics; Industrial Organization; Production Economics; Commercial Law; and Foreign Direct Investment.
- Students must take two of the following free elective courses offered by the Department of Business Management and the Department of Information Management (each course is 3 credit hours except for specially noted courses): Business Ethics or Seminar on Humanistic and Business Ethics (2 credits); Management or Introduction to Business; Logistics Management; Marketing Management; Manpower Management; Introduction to Information Management System or Introduction to Information Management; Strategic Management; Industry Analysis or Global Supply Chain.

4. Financial Economics Program

- Students must complete all the courses required by the Economics department.
- Students must take five of the following professional elective courses (each course is 3 credit hours): Money and Banking; Financial Management (I); Financial Management (II); International Financial Market; and Commercial Law.
- Students must take two of the following free elective courses offered by the Department of Economics, Department of Finance, and Department of Accounting and Information Technology (each course is 3 credit hours): Financial Theory and Policy; Financial Forecasts; Financial Market and Institutions; International Financial Management or Investments; Securities Analysis or Futures and Options; Tax Accounting; Financial Statement Analysis.

5. Data Mining and Economic Analysis Program

- Students must complete all the courses required by the Economics department.
- Students must take three of the following professional elective courses (each course is 3 credit hours): R Language Applications and Analytics; Econometrics (II) ; Empirical Methods and Applications ; Data Science.
- Students must take two of the following free elective courses (each course is 3 credit hours): Special Project of Data Science; Application of the Statistical Software; Big data and data analysis; Data Mining in Business Applications and Analysis and application of Big data.

III. University Level Interdisciplinary Program Requirements

Course name	Required courses 3 course	Elective courses		minimum total credits
		Economics	Other	
		2-3 courses	3 courses	
Actuarial Economy Program	9 credits	6 credits	8-9 credits	23 credits
International Political Economics Program	9 credits	6 credits	9 credits	24 credits
Managerial Economics Program	9 credits	6 credits	9 credits	24 credits
Financial Economics Program	9 credits	6 credits	9 credits	24 credits
Data Mining and Economic Analysis Program	9 credits	9 credits	9 credits	27 credits