

# 國立東華大學

## 資訊管理學系

### 114學年度課程規劃表

碩士班一般組 最低畢業學分數33學分 1. 專業必修21學分 2. 專業選修12學分					
	專業必修	科目代碼	學分	先修科目	備註
1.	專題研究 Independent Study	IM__50200	2.0		需修滿三學期，共六學分。
2.	資訊管理評述 Seminar on Information Management	IM__50230	1.0		一、需修滿三學期，至多採計三次共三學分，等同修畢「資訊管理評述」(一)、(二)、(三)。二、【資訊管理評述】與【「資訊管理評述」(一)、(二)、(三)】二擇一，另「資訊管理評述」(一)、(二)、(三)如缺其一，可選修「資訊管理評述」抵認之。
**以下科目3選1至少需修習(3)學分					
3.	電子商務專題 Research Topics on Electronic Commerce	IM__50110	3.0		三選一
4.	知識管理專題 Research Topics on Knowledge Management	IM__50040	3.0		三選一
5.	數位內容專題 Research Topics on Digital Content	IM__50120	3.0		三選一
**以下科目2選1至少需修習(3)學分					
6.	管理資訊系統研究 Research on Management Information Systems	IM__50170	3.0		二選一
7.	高等資訊管理專題 Topics on Advanced Information Management	IM__50100	3.0		二選一
**以下科目5選2至少需修習(6)學分					

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8.	研究方法 Research Methodology	IM__50130	3.0		五選二
9.	高等資料庫管理系統 Advanced Database Management System	IM__50180	3.0		五選二
10.	多變量分析 Multivariate Data Analysis	IM__50140	3.0		五選二
11.	資訊系統發展與管理 Information Systems Planning and Development	IM__50190	3.0		五選二
12.	資訊檢索 Information Retrieval	IM__50050	3.0		五選二
專業選修		科目代碼	學分	先修科目	備註
13.	人工智慧 Artificial Intelligence	IM__50210	3.0		
14.	高等企業資源規劃 Advanced Enterprise Resource Planning	IM__50060	3.0		
15.	大數據決策支援資訊系統 Big Data Decision Support Information System	IM__50310	3.0		原科目:大數據行銷管理資訊系統
16.	進階資訊安全 Advanced Information Security	IM__50150	3.0		原科目:資訊安全
17.	高等電子商務 Advanced Electronic Business	IM__50070	3.0		
18.	搜尋引擎 Web Search Engines	IM__50260	3.0		
19.	資訊科技研究 Information Technology Study	IM__50220	3.0		
20.	大數據與商業智慧 Big Data and Business Intelligence	IM__50160	3.0		
21.	商業資料分析 Business Analytics	IM__50240	3.0		全英授課
22.	商業研究方法 Business Research Methods	IM__50250	3.0		全英授課
23.	交通行動服務(MaaS)系統 A Study of Mobility-as-a-Service (MaaS)	IM__50270	3.0		
24.	機器學習 Machine learning	IM__50280	3.0		全英授課

**重要相關規定**

- 1、本碩士班最低畢業學分數為三十三學分，含論文必修六學分，專業核心十五學分，專業選修十二學分。專業核心課程至少選四門，共十二學分。應依研究之領域，選修對應之專題課程。
- 2、選修本校或校外相關研究所開設之課程，可列入本所專業選修學分計算。但需經課程委員會認可，且經資管系系主任同意後方可修習，且學分以不超過六學分為原則。
- 3、入學前修習過本碩士班所開設之課程或選修本校其他研究所及外校研究所課程成績達七十分（等第制B-）（含）以上者，且不列為大學畢業學分者，得申請抵免。總抵免學分以不超過十二學分為原則，其中本校其他研究所以及外校研究所選修學分以六學分為限。
- 4、入學後之前二學期每學期至少須修一門課。
- 5、本碩士班之先修課程列舉如下：
  - a. 管理資訊系統（三學分）
  - b. 資料庫（三學分）
  - c. 統計學（三學分）、會計學（三學分）以及管理學（三學分）等至少一門。

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本系碩士生除下列情形外，指導教授得視其指導學生之研究需求決定是否於入學後完成上述先修課程(本系大學部相同課程)之修習：

(1) 大學時期修過之相同或相關科目，其成績達七十分（等第制B-）（含）以上者。

(2) 大學時期為資訊管理學系之學生，其畢業成績達班排名前三分之一者。

6、依據本校「學術研究倫理教育課程實施要點」要求，本系碩士生須於入學第一學年結束前修習並完成「學術研究倫理教育課程」。若曾修過「學術研究倫理教育」相關課程且出具修課通過證明，經課程委員會審查核准者得免修。若因故無法於第一學年結束前修習並完成「學術研究倫理教育課程」者，最遲須於申請學位考試前補修完成，未完成本課程者，不得申請學位考試。其實施方式如下兩點：

(一) 資管系辦公室於每學年度第一學期加退選結束後將學生資料經教務處傳至「臺灣學術倫理教育資源中心」線上平台，協助帳號建置。

(二) 學生應至「臺灣學術倫理教育資源中心」網路自行觀看本課程，完成課程(以研習3小時以上課程為原則)並通過線上課程測驗，成績達及格標準者，即可於網站申請下載修課證明。

7、論文必修課程「專題研究」，需修滿三學期，共六學分。

8、「資訊管理評述」課程，需修滿三學期，共三學分。

## Regulations for the Master' s Program (Regular Track)

### 1. Minimum Graduation Credits

The minimum graduation requirement for the master' s program is 33 credits, including:

- 6 credits for the mandatory thesis.
- 15 credits for core professional courses.
- 12 credits for elective professional courses.

The 12 credits elective courses should align with the student' s research field and include relevant specialized topics.

### 2. Elective Credits from Other Departments

Students may count courses offered by the school or related research institutes outside the school as professional elective credits. However:

- These courses require approval from the Curriculum Committee and the consent of the Chair of the Department of Information Management.
- The credits obtained are capped at 6 credits.

### 3. Credit Transfer

Students who have taken courses offered by this program, other graduate institutes within the university, or external institutions prior to enrollment may apply for credit transfer if:

- The course grade is 70 (B-) or above.
- The credits are not part of their undergraduate graduation requirements.
- The total transferable credits are capped at 12 credits, of which credits from other university institutes or external institutions are limited to 6 credits.

### 4. Course Requirements for the First Year

Students must enroll in at least one course per semester during their first two semesters after enrollment.

### 5. Prerequisite Courses

The following courses are listed as prerequisites:

- Management Information Systems (3 credits)
- Database Systems (3 credits)
- At least one of the following: Statistics (3 credits), Accounting (3 credits), or Management (3 credits).

Students may be exempted from taking these prerequisites if:

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• They have completed equivalent or related courses during their undergraduate studies with a grade of 70 (B-) or above.

• They graduated from an Information Management program and ranked in the top one-third of their class.

The advisor may determine if a student needs to complete these prerequisites based on the student's research needs.

#### 6. Academic Research Ethics Course

In compliance with the university's Guidelines for the Implementation of Academic Research Ethics Education, students must complete the Academic Research Ethics Course by the end of their first academic year.

• Students who have previously completed equivalent courses and can provide proof of completion may apply for exemption, subject to approval by the Curriculum Committee.

• Students unable to complete the course within the first academic year must do so before applying for their degree examination. Failure to complete this requirement disqualifies the student from the degree examination.

#### Implementation:

• The Department Office will submit student information to the Taiwan Academic Ethics Education Resource Center online platform after the add/drop period of the first semester.

• Students must complete at least 3 hours of online courses and pass the platform's online test. Once completed, they may download the course completion certificate.

#### 7. Mandatory Thesis Course

The mandatory thesis course, Independent Research, must be completed over three semesters for a total of 6 credits.

#### 8. Course of Information Management Review

The course, Seminar on Information Management, must be completed over three semesters for a total of 3 credits.