



# 課 綱 Course Outline

## 運籌管理研究所碩士班一般組

|   |  |                  |                  |  |     |
|---|--|------------------|------------------|--|-----|
| 中文課程名稱<br>Course Name in Chinese  | 存貨分析與管理  |                  |                  |  |     |
| 英文課程名稱<br>Course Name in English  | Inventory Analysis and Management  |                  |                  |  |     |
| 科目代碼<br>Course Code   | GSLM53200  | 班 別<br>Degree    | 碩士班<br>Master' s |  |     |
| 修別<br>Type  | 選修<br>Elective   | 學分數<br>Credit(s) | 3.0              | 時 數<br>Hour(s)   | 3.0 |
| 先修課程<br>Prerequisite  |  |                  |                  |  |     |
| 課程目標<br>Course Objectives   |  |                  |                  |  |     |
| Study and discuss basic inventory models including solution techniques in various problems related to continuous/periodic review multi-stage production and distribution systems. |  |                  |                  |  |     |
| 系教育目標<br>Dept.' s Education Objectives  |  |                  |                  |  |     |
| 1   | 培養具備管理科學與運籌供應鏈知識能力之專業人才。<br>To nurture professionals with knowledge and skills in management science, logistics, and supply chain management |                  |                  |  |     |
| 2   | 培養具備邏輯思考與決策分析能力之管理專業人才。<br>To nurture management professionals with logical thinking and analytical decision skills                          |                  |                  |  |     |
| 3   | 培養具備國際溝通與簡報能力之專業人才<br>To nurture bilingual professionals with communication and presentation skills  |                  |                  |  |     |
| 4   | 培養具有國際視野與在地經驗之運籌管理專才。<br>To nurture professionals in logistics management with global vision and local experience                            |                  |                  |  |     |
| 系專業能力<br>Basic Learning Outcomes  |  |                  |                  | 課程目標與系專業能力相關性<br>Correlation between Course Objectives and Dept.' s Education Objectives |     |
| A   | 基礎運籌、供應鏈管理知識<br>Foundations on logistics and supply chain management   |                  |                  | ○  |     |
| B   | 運籌系統管理知識<br>Knowledge on logistics system management   |                  |                  | ●  |     |

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|---|--|---|
| C   | 運籌工具方法知識<br>Knowledge on analytical tools and methodologies in logistics | ● |
| D   | 語文表達能力<br>Language and communication skills                              | ○ |
| 圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated  |  |   |
| 課程大綱<br>Course Outline  |  |   |
| 1.Continuous/Periodic Review Systems<br>2.Assembly Systems<br>3.Production Planning<br>4.Supply Chain Systems<br>5.Distribution Systems<br>6.Multi-Stage and Multi-Period Systems |  |   |
| 資源需求評估（師資專長之聘任、儀器設備的配合．．．等）<br>Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)   |  |   |
| Instructor must have a Ph. D. degree with enough experience in studying production and inventory theories and practices.  |  |   |
| 課程要求和教學方式之建議<br>Course Requirements and Suggested Teaching Methods  |  |   |
| Reading and Discussing classic works and recent papers on techniques and applications are required.   |  |   |
| 其他<br>Miscellaneous   |  |   |
|   |  |   |