

# 2020 年「潛在變項模式」教學綱要

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## 一、教學目標

培養學習者具有使用結構方程式模型的知識及具有獨立分析資料的技術能力，以培養獨立完成學術論文之計量方法能力。

## 二、背景知識

『多變量分析』（博碩士班）或『相關與迴歸分析』（博碩士班）。

## 三、參考書籍（依出版年代排列）：**\*為指定教科書**

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上述 Papers 請由學校圖書館下載電子檔自由閱讀。

#### 四、大綱及進度

週次	日期	內容及進度
1	2/28	國定假日 (停課一次)
2	3/6	研究生入學考試 (停課一次)
3	3/13	導論：Ch 1，背景知識：Ch 2
4	3/20	潛在變項模式簡介：Ch 3

5	3/27	潛在變項模式 CFA 建構：Ch 4
6	4/3	<b>國定假日 (停課一次)</b>
7	4/10	適配度檢定 & LISREL 簡介：Ch 5~Ch 6
8	4/17	範例舉隅與實作 1~3：Ch 8~Ch 10
9	4/24	範例舉隅與實作 4~6：Ch 11~Ch 12
10	5/1	範例舉隅與實作 7~9：Ch 13~Ch 14
11	5/8	<b>進階議題一：多群組分析</b> ：Ch 7-2 範例舉隅與實作 10：Ch 14~Ch15
12	5/15	<b>進階議題一：多群組分析</b> ：Ch 7-2 範例舉隅與實作 11：Ch 16~Ch 17
13	5/22	<b>進階議題二：交互作用模式</b> ：Ch 7-3, Ch 18
14	5/29	<b>進階議題三：中介模式</b> ：Ch 7-3, Ch 18
15	6/5	<b>教授入闖，停課一次</b>
16	6/12	<b>進階議題四：潛在成長模式分析</b> ：Ch 7-4 範例舉隅與實作 12：Ch 19
17	6/19	<b>進階議題五：縱貫性資料分析：LGM 的應用</b> 範例舉隅與實作 12：Ch 4
18	<b>6/20</b>	<b>(調整上課時間)進階議題六：多層次 SEM 分析</b> ：Ch 7-5 範例舉隅與實作 13：Ch 20

※ 上課地點：井塘樓二樓電腦教室。※上課時間：每週五 9：10~12：00。

相關網址：<http://www3.nccu.edu.tw/~mnyu/>點選「教學課程」中的「潛在變項模式」。

教師 Office Hours 時間：每週五下午 2：10~4：00，地點：井塘樓四樓 020406 研究室。

## 五、成績考核

- 1.完成指定讀物、練習作業、及參與討論，佔 40%的學期成績。
- 2.修課學生每人選定一個 Project，並繳交一份具學術性論文品質的書面期末報告（文長不超過 1 萬 5 千字，企盼能具有投稿外審制學術刊物或出版成論文集之水準），佔 60%的學期成績。
- 3.範例讀本，上課時提供。
- 4.期末報告繳交日期，預定 7/3 中午 12：00 前繳交電子檔，敬請寄到我的電子信箱：[mnyu@nccu.edu.tw](mailto:mnyu@nccu.edu.tw)，檔名請註明：姓名+系級+學號。