一、課程名稱：圖書館建築

二、學　分：2學分

三、授課教師：吳可久博士

四、課程概述：

每棟建築都在說故事，圖書館建築的故事從何說起，由誰述說：建築師說、館長說、館員說、讀者說、遊客說……。參與圖書館建築是可遇不可求的經驗，利用圖書館卻是很多的人終身體驗。成就圖書館建築，需要結合多領域團隊合作，為提供圖書資訊與建築設施營建兩個領域的志趣者，有機會跨學域學習瞭解圖書館建築之歷史形成與發展、使用管理與經營方式、建築規劃設計與營造、數位學習與資訊化趨勢中轉型圖書館建築、不同文化與族群之使用需求及圖書館建築意像……等課題，特開授【圖書館建築】課程。

五、課程目標：

透過本課程的學習，同學可以：

● 了解圖書館建築的發展及趨勢；

● 掌握圖書館利用管理及規畫設計的相關知識；

● 認知與溝通圖書資訊專業與建築設計專業觀點；

● 型塑心目中理想的圖書館建築的風格呈現。

六、適合選修對象：

圖書資訊及土木工程系大學部、研究生為主，其他相關學系所為輔。

七、課程內容：

週次	講授主題	內容重點
【單元一】圖書館、建築與圖書館建築		
1	課程導覽	開課意旨、學習資源與配合、學習方式與評量
2	近代圖書館的發展與變遷	圖書館歷史源流、功能與階段性演變、圖書館建築所面臨的時代課題
3	建築設計與圖書館建築	專業分工、建築設計之功用、創造「好」的圖書館建築
4	資訊化對圖書館建築之影響	資訊化趨勢、建築計畫、圖書館建築空間分類與規模
【單元二】規劃過程		
5	需求與資源分析	圖書館之利用、管理與空間規劃設計關係、館務發展與營運管理型態
6	人、書、資訊與空間之關係	當書解構成更多元資訊型態，在館藏、自動化、排架、供應鏈與遠距倉儲、數位典藏、網路等不同形式之展現及課題

7	數位學習與不同族群圖書館利用	不同讀者特質如兒童、公共、學術、專業、行動不便人士之資訊需求與學習利用
8	數位科技與智慧型圖書館	數位建築、科技行銷與圖書館建築中應用、數位圖書館之實體與虛擬
9	基地選擇與一般性設計原則-	敷地選址、地域文化特質及呈現、綠建築生態環境、一般建築設計原則
10	建築專案管理與設計條件書圖之研擬	營建管理制度及適用、專業溝通及設計資訊傳遞、做好業主、建築師與圖書館員之立場、圖書館員在意的主題
11	建築師與圖書館建築	徵選建築師、競圖模式與使用者參與規劃、環境設計專業的觀點與知識
【單元三】細部規劃		
12	建築基本畫與設計呈現	識別建築圖樣、認知建築空間、建築意像
13	圖書館建築用後評估	建築生命週期、使用與規劃回饋關係、用後評估方式及操作、環境心理、建物更新
14	標示與尋路	動線觀念與圖書管理、讀者尋路行為、標示系統及逃生
15	圖書館營運與圖書館家具規劃課題	圖書館興建財務、搬遷計畫、家具平面配置與採購、清潔及設施維護管理
【單元四】案例與範例		
16	圖書館建築案例評介	世界各國、國家級、城市級、學術、學校圖書館案例
17	國家檔案館之應用空間與建築設計	具有相類似典藏功能之博物館、檔案館、文物館、圖書館之結合發展趨勢與應用
18	期末專題報告	學期專業報告及心得溝通

八、教科書：

- Leighton, P. D., &Weber, D. C. (1999). *Planning Academic and Research Library Buildings* (3rd ed.). Chicago: American Library Association. (圖資系圖書室 Z679.5 L45 2000)
  是圖書館建築的聖經。這本書第一版的作者是 Keyes D. Metcalf，從 1965 年出版以來即被奉為圖書館建築的 Bible（第二版是 1986 年），1999 年版洋洋灑灑 16 章 657 頁，加上七個附錄，共 850 頁。

- Lushington, N. (2002). *Libraries designed for users: A 21st century guide*. New York: Neal-Schuman Publishers. **本課程必讀！**

圖書館是與科技、與社會、與學習同步演進的，21 世紀的使用者希望的是一個怎樣的圖書館呢？館員要如何與建築師協作實現使用者理想中的圖書館呢？Nolan 的這本書是深入淺出的佳作。

- Bazillion, R. J., & Braun, C. (2001). *Academic libraries as high-tech gateways: A guide to design and space decisions* (2nd ed.). Chicago: American Library Association.
- Dahlgren, A. C.(1996). *Planning the Small Library Facility.* (2nd ed.). Chicago: American Library Association, 1996.
  (圖資系圖書室 Z679.5 D33 1996)
  Dahlgren 的這本小冊子才 27 頁，但是圖書館建築規劃的重要概念都涵蓋了。

九、作業及評量

個案、討論題材等相關資料，將透過網頁超連結或電子郵件隨進度寄送。

另為協助同學掌握課程內容，將在個人網頁建置課程網站，可瀏覽教材內容、下載投影片 。（http://www.lis.ntu.edu.tw/~kochiu）

評量方式：

課堂參與	10%
單元作業(三次)	45%
期末專題報告	45%

- 課程參與：事假請事先請，病假亦請告知，email 是最方便的溝通方式。
- 單元作業：不可遲交，每單元結束後交。
- 專題報告：小組報告，請以三至五人為一組（跨領域團隊佳），任選一主題：
  - 建新館：研擬一圖書館建築計畫書；
  - 改善：選擇一圖書館研擬圖書館改善計畫；
  - 用後評估：選擇一圖書館進行圖書館用後評估；
  - 體驗實驗：針對圖書館之各項細部規劃，進行實驗，如：無障礙設施、燈光、空氣品質⋯⋯。

十、各單元參考書目：

【單元一】圖書館、建築與圖書館建築

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Association of Research Libraries. Systems and Procedures Exchange Center. (1973). *SPEC kit (pp. v.).* Washington, D.C.: The Center.

Bieri, S., Fuchs, W., & Schweizerische Landesbibliothek. (2001). *Bibliotheken bauen : Tradition und Vision = Building for books : traditions and visions.* Basel ; Boston: Birkhouser.

1   課程導覽

Leighton, P. D., & Weber, D. C. (2000). *Planning academic and research library buildings (3rd ed.).* Chicago: American Library Association.

Sannwald, W. W., & Library Administration and Management Association. Buildings & Equipment Section. Architecture for Public Libraries Committee. (2001). *Checklist of library building design considerations (4th ed.).* Chicago: American Library Association.

Stephenson, M. S. (1990). *Planning library facilities : a selected, annotated bibliography.* Metuchen, N.J.: Scarecrow Press.

2   近代圖書館的發展與變遷

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3　建築設計與圖書館建築

Brawne, M. (1970). *Libraries: architecture and equipment.* New York,: Praeger Publishers.

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吳可久編著（2003）。*圖書館建築規劃與設計演練：大學圖書資訊大樓建築設計專題教學成果彙編（二版）*。台北市：建築情報季刊雜誌社。

林光美主編（2006）。海峽兩岸大學圖書館建築學術研討會論文集。臺北市：國立臺灣大學圖書館。

4   資訊化對圖書館建築之影響

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6   人、書、資訊與空間之關係

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12　建築基本畫與設計呈現

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