# 朝陽科技大學 095學年度第2學期教學大綱
# Medicinal Life and Chemistry 藥物生活與化學

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| 當期課號 | 0167 | Course Number | 0167 |
| 授課教師 | 楊佳洪 | Instructor | YANG,CHIA HUNG |
| 中文課名 | 藥物生活與化學 | Course Name | Medicinal Life and Chemistry |
| 開課單位 | 自然與科技發展課群(日) | Department | |
| 修習別 | 選擇必修 | Required/Elective | Topics in Natural and the? Development of Sciences |
| 學分數 | 2 | Credits | 2 |
| 課程目標 | 使學生接觸基礎化學的概念，然後介紹一般藥物的性質、來源、功能與一些生活有關的常識等。 | Objectives | Medicinal Life and Chemistry |
| 教材 | Textbook of Organic Medicinal and Pharmaceutical Chemistry, Powerpoint/video CD | Teaching Materials | Textbook of Organic Medicinal and Pharmaceutical Chemistry, Powerpoint/video CD |
| 成績評量方式 | 1.平時成績(30%)2.指定作業(40%)3.口頭報告(30%) | Grading | 1.Participation (30%)2.Assignment of homework(40%)3.Oral presentation(30%) |
| 教師網頁 | _ | | |
| 教學內容 | 1.理化性質與生物活性<br>2.藥物及有機化合物之代謝<br>3.抗感染劑<br>4.抗菌作用之磺胺劑<br>5.抗癌藥<br>6.抗生素<br>7.抗腫瘤藥物<br>8.中樞神經系統抑制劑<br>9.中樞神經系統興奮劑<br>10.擬交感神經藥<br>11.利尿劑<br>12.止痛劑<br>13.碳水化合物<br>14.氨基酸,蛋白質,酵素與荷爾蒙<br>15.維生素<br>16.DNA | Syllabus | 1.Physicochemical Properties in Relation to Biological Action<br>2.Metabolic Changes of Drugs and Related Organic Compounds<br>3.Anti-Infective Agents<br>4.Sulfonamides with Antibacterial Action<br>5.Antimalarials<br>6.Antibiotics<br>7.Antineoplastic Agents<br>8.Central Nervous System Depressants<br>9.Central Nervous System Stimulants<br>10.Adrenergic Agents<br>11.Diuretics<br>12.Analgesic Agents<br>13.Carbohydrates<br>14.Amino Acids, Proteins, Enzymes and Hormones<br>15.Vitamins<br>16.DNA |

尊重智慧財產權，請勿非法影印。