# 朝陽科技大學 097學年度第2學期教學大綱
# Bioscience and Technology in Modern Life 生物科技與生活

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| 當期課號 | 0207 | Course Number | 0207 |
| 授課教師 | 詹□松 | Instructor | CHAN,HSIAO SUNG |
| 中文課名 | 生物科技與生活 | Course Name | Bioscience and Technology in Modern Life |
| 開課單位 | 跨院通識(日) | Department | |
| 修習別 | 選擇必修 | Required/Elective | Intercollegiate General Education Topics |
| 學分數 | 2 | Credits | 2 |
| 課程目標 | 本課程主要教學內容包括了解生物科技的基本理論基礎介紹生物科技在農業上、醫學上以及生態環境上的應用。以及引導學生思考這些新興科技對我們的社會及生活有何衝擊 | Objectives | This course aims at teaching students about the basic knowledge for understanding the theory of biotechnology, and to introduce students to the applications of biotechnology in the field of agriculture, medicine, and environments. Lastly, to guide students to contemplate about the impact of the new technology on our society and life, and to form their own opinions. |
| 教材 | 自編教材 | Teaching Materials | |
| 成績評量方式 | 測驗（50%）、平時成績（作業、出席與討論）（50%） | Grading | Quiz (50%)、class performance (attendance and participation) (50%) |
| 教師網頁 | _ | | |
| 教學內容 | 1.生物科技原理<br>2.科技與人性<br>3.生物科技與生活<br>4.生物科技於環境科學之應用<br>5.溫室效應<br>6.生質能源<br>7.奈米科技與生活<br>8.生物科技在食品上的應用<br>9.植物與生活<br>10.生物科技在材料上的應用<br>11.美容科技 | Syllabus | 1.Introduction of biotechnology<br>2.Science and humanity<br>3.Biotechnology in modern life<br>4.Biotechnology and its application in environment<br>5.Greenhouse effect<br>6.Biofuel<br>7.Nanotechnology<br>8.Food science and biotechnology<br>9.Biotechnology and plant<br>11.biotechnology and materials science<br>12.Specialty biochemical |

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