

中山醫學大學

Chung Shan Medical University

115 學年度入學新生應修科目及學分表

Courses and Credits for Freshmen Admitted in the 115th Academic Year

口腔醫學院牙醫學系

School of Dentistry

第一學年

1st Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
大體解剖學	Gross Anatomy	必修 Required	3	3	0	
普通化學	General Chemistry	必修 Required	2	2	0	
普通物理學	General Physics	必修 Required	2	2	0	
牙醫學概論	Introduction to Dentistry	必修 Required	2	2	0	
普通生物學(一)	General Biology (I)	必修 Required	2	2	0	
大體解剖學實驗	Gross Anatomy Laboratory	必修 Required	3	0	3	
有機化學	Organic Chemistry	必修 Required	2	0	2	
牙科研究法及實驗	Method Research for Dentistry & Laboratory	必修 Required	2	0	2	
普通生物學(二)	General Biology (II)	必修 Required	2	0	2	
普通生物學實驗	General Biology Laboratory	必修 Required	1	0	1	
醫療資訊概論	Introduction to Medical Information	必修 Required	1	0	1	
英文	English	必修 Required	2	(2)	(2)	遠距教學 Distance Learning
期刊導讀與論文寫作	Introduction to Academic Journals and Research Writing	選修 Elective	2	2	0	
健康老化，樂齡生活	Healthy Aging	選修 Elective	2	2	0	
醫學全人照護與溝通藝術- 從理論到實踐	Holistic Medical Care and Communication Arts: From Theory to Practice	選修 Elective	2	0	2	
必修學分合計 Required Credits Subtotal			24	11	11	

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School of Dentistry

第 二 學 年 2 st Academic Year						
科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
微生物學及免疫學	Microbiology & Immunology	必修 Required	4	2	2	
組織學	Histology	必修 Required	2	2	0	
公共衛生學	Introduction to Public Health	必修 Required	2	2	0	
生物統計學	Biostatistics	必修 Required	2	2	0	
生涯規劃	Life Management	必修 Required	2	2	0	
生物化學(一)	Biochemistry(I)	必修 Required	2	2	0	
微生物學及免疫學實驗	Microbiology & Immunology Laboratory	必修 Required	2	1	1	
組織學實驗	Histology Laboratory	必修 Required	1	1	0	
神經解剖學（含實驗）	Neuroanatomy (include lab)	必修 Required	1	1	0	
口腔解剖學	Oral Anatomy	必修 Required	2	0	2	
牙科公共衛生學	Dental Public Health	必修 Required	2	0	2	
牙體形態學	Dental Morphology	必修 Required	2	0	2	
生物化學(二)	Biochemistry(II)	必修 Required	2	0	2	
口腔胚胎及組織學（含實驗）	Oral Embryology and Histology （include lab）	必修 Required	2	0	2	
口腔解剖學實驗	Oral Anatomy Laboratory	必修 Required	1	0	1	
生物化學實驗	Biochemistry Laboratory	必修 Required	1	0	1	
牙體形態學實驗	Dental Morphology Laboratory	必修 Required	1	0	1	
數位牙醫學導論及實作	Introduction to CAD/CAM & Digital Dentistry and Practicum	必修 Required	1	0	1	
必修學分合計 Required Credits Subtotal			32	15	17	

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School of Dentistry

第 三 學 年 3 rd Academic Year						
科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
牙體復形學	Operative Dentistry	必修 Required	4	2	2	
藥理學	Pharmacology	必修 Required	4	2	2	
病理學	Pathology	必修 Required	2	2	0	
牙科器材學	Dental Materials	必修 Required	2	2	0	
咬合學	Occlusion	必修 Required	2	2	0	
生理學(一)	Physiology(I)	必修 Required	2	2	0	
牙體復形學實驗	Operative Dentistry Laboratory	必修 Required	2	1	1	
病理學實驗	Pathology Laboratory	必修 Required	1	1	0	
臨床牙科藥理學	Clinical Dental Pharmacology	必修 Required	2	0	2	
生理學(二)	Physiology(II)	必修 Required	2	0	2	
口腔病理學 (含實驗)	Oral Pathology (include lab)	必修 Required	2	0	2	
生理學實驗	Physiology Laboratory	必修 Required	1	0	1	
咬合學實驗	Dental Occlusion Laboratory	必修 Required	1	0	1	
藥理學實驗	Pharmacology Laboratory	必修 Required	1	0	1	
口腔免疫學概論	Introduction to Oral Immunology	選修 Elective	2	2	0	
社區牙醫學	Community Dentistry	選修 Elective	2	2	0	
口腔微生物	Oral Microbiology	選修 Elective	1	0	1	
必修學分合計 Required Credits Subtotal			28	14	14	

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第 四 學 年

4stAcademic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
全口補綴學	Complete Denture	必修 Required	4	2	2	
固定補綴學	Fixed Prosthodontics	必修 Required	4	2	2	
牙周病學	Periodontology	必修 Required	3	2	1	
內科學概論	Introduction to Internal Medicine	必修 Required	2	2	0	
外科學概論	Introduction to Surgery	必修 Required	2	2	0	
牙髓病學	Endodontics	必修 Required	2	2	0	
全口補綴學實驗	Complete Denture Laboratory	必修 Required	2	1	1	
固定補綴學實驗	Fixed Prosthodontics Laboratory	必修 Required	2	1	1	
臨床診斷學	Clinical Diagnosis	必修 Required	1	1	0	
牙科臨床教學及討論(一)	Clinical Instruction & Discussion in Dentistry (I)	必修 Required	1	1	0	
牙醫到宅醫療暨特殊需求者口腔醫學	Domiciliary and Special Needs Dentistry	必修 Required	1	1	0	
咀嚼吞嚥障礙暨高齡者口腔醫學	Mastication, Dysphagia, and Geriatric Dentistry	必修 Required	1	1	0	
牙科放射線學	Dental Roentgenology	必修 Required	2	0	2	
急診醫學	Emergency Medicine	必修 Required	2	0	2	
牙醫倫理學	Dentist Ethics	必修 Required	1	0	1	
牙髓病學實驗	Endodontics Laboratory	必修 Required	1	0	1	
牙周病學實驗	Periodontology Laboratory	必修 Required	1	0	1	
耳鼻喉科學	Otolaryngology	必修 Required	1	0	1	
牙科臨床教學及討論(二)	Clinical Instruction & Discussion in Dentistry (II)	必修 Required	1	0	1	
牙科麻醉學(含實驗)	Dental Anesthesiology(include lab)	必修	1	0	1	

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School of Dentistry

第 四 學 年

4stAcademic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
		Required				
牙科美學	Esthetic Dentistry	選修 Elective	2	2	0	
矯正數位 3D 排牙學	Three Dimension Digital Orthodontics	選修 Elective	1	1	0	
口腔流行病學概論	Introduction to Oral Epidemiology	選修 Elective	2	0	2	
口腔雷射醫學	Laser Application in Dentistry	選修 Elective	2	0	2	
3D 列印與設計	3D Printing and Design	選修 Elective	1	0	1	
必修學分合計 Required Credits Subtotal			35	18	17	

第 五 學 年

5stAcademic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必選 修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
口腔顎面外科學	Oral and Maxillofacial Surgery	必修 Required	6	3	3	
局部補綴學	Removable Partial Denture	必修 Required	4	2	2	
口腔植體學	Oral Implantology	必修 Required	2	2	0	
口腔內科暨診斷學	Oral Medicine and Diagnosis	必修 Required	2	2	0	
兒童牙科學	Pedodontics	必修 Required	3	1	2	
局部補綴學實驗	Removable Partial Denture Laboratory	必修 Required	2	1	1	
齒顎矯正學實驗	Orthodontics Laboratory	必修 Required	2	1	1	
齒顎矯正學	The Orthodontics	必修 Required	2	1	1	
牙醫臨床技能學	Clinical Skill in Dentistry	必修	2	1	1	

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第 五 學 年

5th Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
		Required				
兒童牙科學實驗	Pediatric Dentistry Laboratory	必修 Required	1	1	0	
牙科臨床教學及討論(三)	Clinical Instruction & Discussion in Dentistry (III)	必修 Required	1	1	0	
家庭牙醫學	Family Dentistry	必修 Required	1	1	0	
牙醫數位軟體的理論與實際	The Theory and Practice of Dental Digital Software	必修 Required	1	1	0	
牙科臨床教學及討論(四)	Clinical Instruction & Discussion in Dentistry (IV)	必修 Required	1	0	1	
進階數位牙醫學(含實驗)	Advanced CAD/CAM & Digital Dentistry (include lab)	必修 Required	1	0	1	
數位顯微鏡技術與進階根管治療	Digital Microscope Technique in Advance Endodontics	選修 Elective	2	2	0	
顎復補綴整合治療	Interdisciplinary Approach for Prosthodontic Treatment	選修 Elective	1	1	0	
拔牙學	Exodontics	選修 Elective	2	0	2	
美容牙醫學	Cosmetic Dentistry	選修 Elective	2	0	2	
進階口腔植體學(含實驗)	Advanced Oral Implantology(include lab)	選修 Elective	2	0	2	
進階顎復補綴整合治療	Advanced Interdisciplinary Approach for Prosthodontic Treatment	選修 Elective	1	0	1	
必修學分合計 Required Credits Subtotal			31	18	13	

第 六 學 年

6th Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必修/選修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
口腔顎面外科臨床實習	Practicum in Oral & Maxillofacial Surgery	必修 Required	8	(8)	(8)	
口腔診斷臨床實習	Practicum in Dental Diagnosis	必修	4	(4)	(4)	

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第 六 學 年

6th Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必/選修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
		Required				
牙科放射線學臨床實習	Practicum in Dental Roentgenology	必修 Required	2	(2)	(2)	
牙周病學臨床實習	Practicum in Periodontology	必修 Required	4	(4)	(4)	
牙體復形學臨床實習	Practicum in Operative Dentistry	必修 Required	6	(6)	(6)	
牙科臨床討論	Dental Clinical Pathological Conference	必修 Required	2	(2)	(2)	
牙髓病學臨床實習	Practicum in Endodontics	必修 Required	4	(4)	(4)	
全口補綴學臨床實習	Practicum in Complete Denture Prosthesis	必修 Required	4	(4)	(4)	
固定補綴學臨床實習	Practicum in Fixed Prosthesis	必修 Required	6	(6)	(6)	
局部補綴學臨床實習	Practicum in Removable Partial Prosthesis	必修 Required	6	(6)	(6)	
兒童牙科學臨床實習	Practicum in Pediatric Dentistry	必修 Required	2	(2)	(2)	
齒顎矯正學臨床實習	Practicum in Orthodontics	必修 Required	2	(2)	(2)	
必修學分合計 Required Credits Subtotal			50	0	0	
最低畢業學分數 235 學分，必修 200 學分，通識 20 學分，體育 2 學分，選修 13 學分 Minimum graduation credits: 235 credits, compulsory 200 credits, general education 20 credits, physical education 2 credits, elective 13 credits						
說明：						

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第 六 學 年

6th Academic Year

科目名稱 Course Name in Chinese	英文科目名稱 Course Name in English	必/選修 Required Elective	合計 學分 Credits Subtotal	第一 學期 1 st Semester Credits	第二 學期 2 nd Semester Credits	備註 Remarks
一、通識教育課程總學分數為 20 學分，學生需修滿學分數，始得申請畢業。課程內容分為「基礎通識」及「博雅通識」等兩大部分，修習原則如下：(一)「基礎通識」課程：必修，共 6 學分。含括：「多元文化與語文」、「人工智慧概論與應用」、「大學之道」及「服務學習」等課程。(二)「博雅通識」課程：必修，共 14 學分(醫資系除外，需 16 學分)。含括：文藝領域、社會領域、醫學人文領域和科普領域等四個領域，每個領域至少需修習 2 學分。通識教育課程畢業學分的認列，以 20 學分為上限。通識教育課程修習方式依照「中山醫學大學通識課程選課須知」辦理。「服務學習」依照「中山醫學大學服務學習課程實施辦法」辦理。 二、學生須於畢業前修滿 2 學分「體育」，始得畢業，但超修不列入畢業學分數。 三、大一「英文」分級及修課依照「雙語教學推動資源中心」所公告之規定辦理。 四、學生須於畢業前擇一修習雙主修、輔系、跨域學程或跨域微學程，符合修習規範者，始得畢業。 五、學生須於畢業前擇一參加經認定之校外官方英文能力檢定考試或校內「中山醫大英文能力檢測」(CEPT)英文檢定考試，相當全民英檢中高級初試，並於每學期開學後繳交通過之成績證明文件至各系登錄，以作為畢業資格審定之依據。 六、學生須依「中山醫學大學深化醫能力百分百實施辦法」參加各項符合增益基本能力之活動並累積至少 100 點，始得畢業。 七、本校學生所修全學年之科目，上學期成績未達 40 分者，不得修習該科目下學期之課程。 八、須完成第一至第五學年規定之最低必修學科學分及通識學科學分後，方可進入第六學年實習課程。實習學年度不得選讀非實習課程之科目。 九、第六學年實習科目為全學年課程，實習成績為全學年成績，所有實習科目完成後評量成績，故無學期成績。						
Instructions :						

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1. The total number of credits required for the General Education Curriculum is 20. Students must complete these credits to apply for graduation. The curriculum is divided into two main parts: Fundamental General Education and Liberal Arts General Education. The guidelines for course completion are as follows:
Fundamental General Education Courses: These are mandatory and total 6 credits. They include courses such as Multiculturalism and Languages, Introduction to Artificial Intelligence and Applications, Foundation of University Education, and Service Learning.
Liberal Arts General Education Courses: These are also mandatory and total 14 credits (16 credits for the Department of Medical Informatics). They cover four domains: Literature and Arts, Social Sciences, Medical Humanities, and Science and Technology. At least 2 credits must be completed in each domain.
The maximum number of credits recognized from the General Education Curriculum towards graduation is 20. Enrollment procedures for the General Education Curriculum are governed by the Guidelines for General Education Course Selection at Chung Shan Medical University. The Service Learning component must be conducted in accordance with the Implementation Guidelines for Service Learning Courses at Chung Shan Medical University.
2. Students must complete 2 credits of Physical Education before graduation. However, excess credits will not be counted toward the total graduation credits.
3. English course placement and enrollment are subject to the regulations of the English-Medium Instruction Center.
4. Students are required to choose a double major, a minor, an interdisciplinary program, or an interdisciplinary micro-program before graduation. Only those who complete the requirements of their chosen program are eligible to graduate.
5. Students must pass an officially recognized external English proficiency test or the CSMU's internal English Proficiency Test (CEPT) before graduation. The required proficiency level is equivalent to the preliminary test of the GEPT High-Intermediate Level. Within the designated period at the start of each semester, students must submit their official score reports to their respective departments to verify graduation eligibility.
6. Students must participate in various activities that enhance their basic competencies in accordance with the Implementation Guidelines for Enhancing Soft Skills at Chung Shan Medical University and accumulate at least 100 points in order to graduate.
7. Students who score less than 40 in the first semester of a full-year course are not allowed to enroll in that course of the second semester.
8. Students must complete the minimum required credits for both mandatory and general education courses specified for the first to fifth academic years before they enter the internship program in the sixth academic year. During the internship year, students are not allowed to enroll in non-internship courses.
9. The internship courses in the sixth academic year are full-year courses, and the grades are considered as full-year grades. The performance evaluation for all internship courses is conducted after the completion of the entire internship, so there are no semester grades.