

课程详述

COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	课程名称 Course Title	眼科学 Ophthalmology
2.	授课院系 Originating Department	医学院 School of Medicine
3.	课程编号 Course Code	MED415
4.	课程学分 Credit Value	1.5
5.	课程类别 Course Type	专业核心课/Major Core Courses
6.	授课学期 Semester	春季/ Spring
7.	授课语言 Teaching Language	中英双语 English & Chinese
8.	授课教师、所属学系、联系方式 (如属团队授课, 请列明其他授课教师) Instructor(s), Affiliation & Contact (For team teaching, please list all instructors)	罗小玲, 南方科技大学第一附属医院, 13922845218, LXL2063@vip.sina.com Xiaoling Luo, 1st Affiliated Hospital of SUSTech, 13922845218, LXL2063@vip.sina.com
9.	实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact	王博, 医学院, wangb7@sustech.edu.cn Bo Wang, School of Medicine, wangb7@sustech.edu.cn
10.	选课人数限额(可不填) Maximum Enrolment (Optional)	

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	16		16		32
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无/NA				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	待定/To be determined				
14. 其它要求修读本课程的学系 Cross-listing Dept.	待定/To be determined				

教学大纲及教学日历 SYLLABUS

15. 教学目标 Course Objectives

本课程是面向临床专业本科生的必修课，旨在使学生掌握眼科学的基本理论、基本知识、基本技能，掌握眼部检查方法，掌握常见眼科疾病的预防、诊断、鉴别诊断和治疗，掌握急重眼病和眼外伤的处理，掌握常用眼科用药的使用方法。

This course is a required course for clinical medical students. It aims to enable students to master the basic theory, knowledge and skills of ophthalmology, the methods of eye examination, the prevention, diagnosis, differential diagnosis and treatment of common eye diseases, the treatment of acute and severe eye diseases and eye trauma, and the use of common ophthalmic medication.

16. 预达学习成果 Learning Outcomes

1. 掌握眼科学的常见病、多发病以及全身病眼部表现的临床特征；
2. 掌握眼部基本检查、基本操作以及急诊处理；
3. 提升学生对眼部疾病诊断、治疗以及综合分析能力。

1. Master the clinical features of common diseases, frequently-occurring diseases and systemic diseases in ophthalmology;
2. Improve students' ability of optic examination, basic operation and emergency treatment;
3. Improve students' ability of diagnosis, treatment and comprehensive analysis of eye diseases.

17. 课程内容及教学日历（如授课语言以英文为主，则课程内容介绍可以用英文；如团队教学或模块教学，教学日历须注明主讲人）

Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

1. 眼的解剖和生理 Anatomy and Physiology of the Eye

眼球、眼附属器、视路、眼部血管神经的解剖和生理。

Anatomy and physiology of the eyeball, ocular appendages, optic pathway, ocular vascular nerves.

2. 眼部检查法 Eye Examination

眼部功能、形态检查。眼部影像学检查。

Function examination, morphology examination of eye and ophthalmic imaging examination.

3. 眼睑、泪器疾病 Diseases of Eyelid and Lacrimal Organ

眼睑、泪器疾病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of eyelid and lacrimal organ.

4. 角膜、结膜、巩膜疾病 Diseases of Cornea, Sclera and Conjunctiva

角膜、结膜、巩膜疾病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of cornea, sclera and conjunctiva.

5. 晶状体病 Diseases of Lens

晶状体病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of lens.

6. 青光眼 Glaucoma

青光眼的临床特征与诊疗。

Clinical features, diagnosis and treatment of glaucoma.

7. 葡萄膜疾病 Diseases of Uvea

葡萄膜疾病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of uvea.

8. 玻璃体、视网膜疾病 Diseases of Vitreum and Retina

玻璃体、视网膜疾病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of vitreum and retina.

9. 眼眶、视神经疾病 Diseases of Orbit and Optic Nerve

眼眶、视神经疾病的临床特征与诊疗。

Clinical features, diagnosis and treatment of diseases of orbit and optic nerve.

10. 眼视光学 Optometry

双眼视觉的概念。屈光不正的临床特征与诊疗。

The concept of binocular vision. Clinical features, diagnosis and treatment of refractive error.

11. 斜视与弱视 Strabismus and Amblyopia

斜视与弱视的临床特征与诊疗。

Clinical features, diagnosis and treatment of strabismus and amblyopia.

12. 眼外伤 Ocular Trauma

眼外伤的临床特征与诊疗。眼部急诊的处理。

Clinical features, diagnosis and treatment of ocular trauma. Treatment of eye emergency.

13. 全身疾病的眼部表现 Ocular Manifestations of Systemic Diseases

全身性疾病在眼部表现的临床特征。

Clinical features of systemic diseases with ocular manifestations.

14. 防盲治盲 Prevention and Treatment of Blindness

盲和视力损伤的概念。致盲眼病的流行病学和群体防治。

Concepts of blindness and visual impairment. Epidemiology and community prevention of blinding diseases.

15. 眼部用药、激光、手术治疗 Ocular Medication, Laser and Surgical Treatment

眼科常用药物。眼科激光种类及应用。眼科常见手术的临床运用。

Conventional ophthalmic medication. Types and applications of ophthalmic laser treatment. Conventional ophthalmic surgical operation treatment.

章节 Section	教学内容 Teaching Contents	总学时 Lecture Hours	教学方法 Teaching Methods	
			讲授 Lecture	实验 Lab
1	眼的解剖和生理 (一) Anatomy and Physiology of the Eye (Lesson One)	2	1	1
2	眼的解剖和生理 (二) Anatomy and Physiology of the Eye (Lesson Two)	2	1	1
3	眼部检查法 Eye Examination	2	1	1
4	眼睑、泪器、结膜疾病 Diseases of Eyelid and Lacrimal Organ	2	1	1
5	眼表、角膜、巩膜疾病 Diseases of Cornea, Sclera and Conjunctiva	2	1	1
6	晶状体病 Diseases of Lens	2	1	1
7	青光眼 Glaucoma	2	1	1
8	葡萄膜疾病 Diseases of Uvea	2	1	1
9	玻璃体、视网膜疾病 Diseases of Vitreum and Retina	2	1	1
10	眼眶、视神经疾病 Diseases of Orbit and Optic Nerve	2	1	1
11	眼视光学 Optometry	2	1	1
12	斜视与弱视 Strabismus and Amblyopia	2	1	1
13	眼外伤 Ocular Trauma	2	1	1
14	全身疾病的眼部表现 Ocular Manifestations of Systemic Diseases	2	1	1
15	防盲治盲 Prevention and Treatment of Blindness	2	1	1
16	眼部用药、激光、手术治疗 Ocular Medication, Laser and Surgical Treatment	2	1	1

教材及其它参考资料 Textbook and Supplementary Readings

教材:

1、杨培增、范先群主编.《眼科学》，第 9 版，人民卫生出版社, 2018 年

2、葛坚、王宁利主编.《眼科学》，第 3 版，人民卫生出版社，2015 年

课程评估 ASSESSMENT

19. 评估形式 Type of Assessment	评估时间 Time	占考试总成绩百分比 % of final score	违纪处罚 Penalty	备注 Notes
出勤 Attendance		10		
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		30		
期中考试 Mid-Term Test				
期末考试 Final Exam		60		
期末报告 Final Presentation				
其它（可根据需要 改写以上评估方式） Others (The above may be modified as necessary)				

20. **记分方式 GRADING SYSTEM**

A. 十三级等级制 Letter Grading

B. 二级记分制（通过/不通过） Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过
This Course has been approved by the following person or committee of authority

本课程已经医学院教学副院长张文勇教授审核通过。