

**Shri Rawatpura Sarkar University,  
Raipur**



**Examination Scheme & Syllabus  
for  
MASTER OF SCIENCE IN OPTOMETRY  
SEMESTER-IV**

(Effective from the session: 2019-20)



**Faculty of Science**  
**Shri Rawatpura Sarkar University, Raipur**

**Master of Science in optometry**  
**Semester-IV**  
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S.N.	Code	T/P	Subject	Type	Teaching Hours/ Week			TC	Examination Scheme				Total Marks
					L	T	P		Theory		Practical		
									EX	IN	EX	IN	
1	MSCOP 401P	P	Clinical Internship	Pr.			8	4			140	60	200
2	MSCOP 402P	P	Research Dissertation	Pr.			8	4			140	60	200
<b>Total Contact hr per week:</b> 8				<b>Total Credit</b>			<b>8</b>	<b>Total Marks</b>				<b>400</b>	





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<b>Title</b>	<b>CLINICAL INTERNSHIP</b>				
<b>Code</b>	<b>MSCOP401P</b>				
<b>Credit</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
			<b>2</b>	<b>2</b>	
<b>Prerequisite</b>	Practical knowledge about Optometry diagnosis and treatments.				
<b>Objective</b>	The objective of clinics in this semester is to be able to gets hand-on experience related to diagnosis, interpretation of the reports/findings and management. An approximate of guided 240 hours needs to be completed in this semester. The students will be by rotation go to community clinics, Campus clinics, and associated hospital and optical / optometric speciality clinics.				
<b>Content</b>	<p>The focus will be on the specialized subjects studies in this semester.</p> <p>The logbook has to be maintained and case sheets of each subject in the semester with complete management and follow up are mandatory for submission at the end of the semester Can work in eye hospital and should submit 150 cases as Log Book this includes student choice according to their specialty clinics.</p> <p><b>Note:</b> The log book needs to be signed by the Faculty during every visit. No case record will be considered without the Faculty's signature.</p>				
<b>Outcome</b>	The students will be by rotation go to community clinics, Campus clinics, and associated hospital and optical / optometric clinics. The focus will be on the specialized subjects studies in this semester.				

<b>Title</b>	<b>RESERCH DISSERTATION</b>
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<b>Code</b>	<b>MSCOP402P</b>			
<b>Credit</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>
			<b>2</b>	<b>2</b>
<b>Prerequisite</b>	Basic knowledge about Research methodology.			
<b>Objective</b>	The objective of clinics in this semester is to be able to gets hand-onexperience related to diagnosis, interpretation of the reports/findings and management. Of an research project and introducing to scientific concepts for evidence based practice.			
<b>Content</b>	The focus will be on the specialized research area of interest. The project update has to be maintained and mandatory for submission at the end of the semester: 1.Literature search, and Research proposal & hypothesis generation 2. Important Research guidelines and ethics 3. Research project work u Presentation should be submitted and presented . 4. A research dissertation should be submitted to the university followed by project viva under research supervisor and External examiners and HOD.			
<b>Outcome</b>	At the conclusion of the course, the students will have the knowledge of data collection, statistical application and finally, presentation of the statistical data.			
<b>Text books</b>	1. Fundamentals of Research Methodology and Statistics Paperback – 1 January 2006 by Y.K. Singh (Author) 2. Research and Statistics Paperback – 9 June 2018 by Sharma Suresh (Author) 3. Research Methodology Paperback – 1 January 2013 by Panneerselvam R (Author)			
<b>Reference</b>	1. Textbook on Legal Methods, Legal Systems & Research Paperback – 1 January 2015			



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<b>books</b>	by Saha Tushar Kanti (Author) 2. Biomedical Research Methodology :Including Biostatistical Applications Paperback – 1 January 2011 by Ranjan Das (Author) 3. How to Write a Research Proposal and Thesis: A Manual for Students and Researchers (How to Write a Research Proposal and a Thesis) Paperback – 8 March 2013 by Mohamed E. Hamid (Author)
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