

## Academic Program Description Form Course Description Form

<b>1. Course Name:</b>					
Research methods					
<b>2. Course Code:</b>					
<b>3. Semester / Year:</b>					
Year					
<b>4. Description Preparation Date:</b>					
1/12/2024					
<b>5. Available Attendance Forms:</b>					
Attending only					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
15 hours/year					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Name: Prof. Wesal Ali Jasim Email: prof.wesalali.g@ibnsina.edu.iq					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>					
<ol style="list-style-type: none"> <li>1. Teaching the basic principles of research procedures</li> <li>2. Teaching the basic principles of biostatistics</li> <li>3. Teaching the use of statistical programs</li> <li>4. Teaching the types of research studies</li> <li>5. Knowing what citation is and its types</li> <li>6. Teaching how to write graduation research</li> </ol>					
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		<ul style="list-style-type: none"> <li>• Presentation of lectures</li> <li>• Dialogue and discussion</li> <li>• Exams</li> </ul>			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
10	One		Research	•Presentation	Weekly,

weeks	Theory Per week	Medical research ethics Basic moral principles Biosafety Classification of biohazardous mater Research design Types of studies Biostatistics Type of data and data collection Sample and sample size Sampling designs Presentation of data Central tendency and dispersion Statistical tests Graduation projects guideline The research and scientific features Chapters of the project How to write references Appendices The formatting and artistic features Time schedule for performing	methods	of lectures • Discussion	and daily exams (written), mid-year exams.
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### 11. Course Evaluation

The annual endeavor is 40 , the final research presentation is 60

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Research Methods: A Practical Guide For Students And Researchers Willie Tan, 2017
Main references (sources)	Introduction research methodology: A beginn guide to doing a research project Uwe Flick, 2020
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	<a href="https://www.researchgate.net/pubmed">https://www.researchgate.net/pubmed</a>