Kurdistan Region Government



Ministry of Higher Education and Scientific Research

Erbil Polytechnic University

**2023-2024**

**Module (Course Syllabus) Catalogue**



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| **College/ Institute** | **Erbil Technical Medical Institute** | | |
| **Department** | **0ptometry** | | |
| **Module Name** | **Research Project** | | |
| **Module Code** | **GRP405** | | |
| **Degree** | **Technical Diploma**  **High Diploma** | **×**  **Master** | **Bachler**  **PhD** |
| **Semester** | **Fourth** | | |
| **Qualification** | **master** | | |
| **Scientific Title** | **Assistant lecturer** | | |
| **ECTS (Credits)** | **7** | | |
| **Module type** | **Prerequisite** | **Core** | **Assist.** |
| **Weekly hours** | **2** |  | |
| **Weekly hours (Theory)** | **(1) hr Class** | **( 1 )Total hrs Workload** | |
| **Weekly hours (Practical)** | **(1) hr Class** | **( 1 )Total hrs Workload** | |
| **Number of Weeks** | **12** | | |
| **Lecturer (Theory)** | **Lana Abdulbaset Mohammadamin** | | |
| **E-Mail & Mobile NO.** | **Lana.mohammad@epu.edu.iq**  **Tel: 07504971256** | | |
| **Lecturer (Practical)** | **Lana Abdulbaset Mohammadamin** | | |
| **E-Mail & Mobile NO.** | **Lana.mohammad@epu.edu.iq**  **Tel: 07504971256** | | |
| **Websites** |  | | |

**Course Book**

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| **Course Description** | Research project for pharmacy is a one semester course.  In this course, students are given the basic and general information about Research project enabling the students to know what is research. Pinpointthe major focus of the research.  And in the laboratory, they take information about the using and sterilizing instruments and devices. | | |  |
| **Course objectives** | The main objective of the Research project is:   * Enabling the students to know what is research. * Pinpoint the major focus of the research. * How to write Introduction, Methods, results, Discussion, and References. * To learn how to work in the laboratory, and methods for cleaning and sterilizing the instruments and devices in laboratory. | | |
| **Student’s obligation** | * Attendance: - Attendance is important for student learning. Students should be present in lectures and laboratories. | | |
| **Required Learning Materials** | * A hall for theoretical lectures with the presence Data- show device. * Materials for the laboratory tests are prepared by the institute, and lab coat must be worn during working in laboratory. | | |
| **Evaluation** | **Task** | **Weight (Marks)** | **Due Week** | |
| **Paper Review** |  |  | |
| **First assessment** | **25%** |  | |
| **Second assessment** | **25%** |  | |

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|  | **Final assessment** | | **50%** | |  | |
| **Total** | | **100%** | |  | |
| **Specific learning outcome:** | At the end of the course the student should know the following:   1. What is Research project. 2. Research Aims. 3. How to write Introduction and References. 4. How to write Methods. 5. How to write results and statistical analysis for it. 6. How to write Discussion and References. 7. How to prepare a research summary to discuss the research. | | | | |  |
| **Course References:** | ريَنماييةكانى نووسينى ثرؤذة بؤ بابةتى ثرؤذةى دةرضوون لة ثةميانطةكانى زانكؤى ثؤليتةكنيكى هةوليَر ▪ | | | | |
| **Course topics (Practical and**  **Theory)** | | **Week** | | **Learning Outcome** | |
| 1. What is a research project | | 1 | | Enabling the students to know what is research project. | |
| 2- Research Aims: What are they? | | 2 | | Research Aims: What are they? Simply put, the research aims are a statement that reflects the broad  goals of the research project. | |
| 3- Research Questions: what are they? | | 3 | | Writing research questions. | |
| 4- How to write Introduction and References. | | 4 | | The introduction explains why this research is important or necessary or important. Begin by describing | |

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|  |  | the problem or situation that  motivates the research. |
| 5- First assessment | 5 |  |
| 6- How to write Methods. | 6 | It includes information about your population, sample, methods, and  equipment. |
| 7- How to How to write results and statistical analysis for it. | 7 | Typically, the Results section contains only the findings, not any explanation of or commentary on the findings. |
| 8- How to write Discussion. | 8 | Comment on those findings, and connect them to another research. You also discuss limitations of the study, and use these limitations as reasons to suggest additional, future  research. |
| 9- How to write References in research papers. | 9 | Writing References in research papers. |
| 10- Second assessment | 10 |  |
| 11- How to prepare a research summary to discuss the research | 11 | Preparing a research summary to discuss the research. |
| 12- Final assessment | 12 |  |