



**Jordan University of Science and Technology**  
**Faculty of Nursing**  
**Nursing Department**

NUR402 Nursing Research
Second Semester 2020-2021

<b>Course Catalog</b>
<p>3 Credit Hours. This course is an introduction to the research process; it describes the links between the research process &amp; problem-solving approach. This course focuses on the understanding of the research process &amp; the role of the professional nurse in designing, utilizing, &amp; conducting research. The research process &amp; evidence-based practice are emphasized. Content includes how research contributes to the development of nursing knowledge, improves nursing practice, supports the design of nursing systems, &amp; enhances education &amp; professional accountability. The historical evolution of nursing research is examined, &amp; current issues are analyzed. Ethical considerations &amp; rights of human subjects are explored. The course will introduce the student to various principles of clinical research. It also introduces basic concepts of biostatistics as the basis for the understanding of the research findings &amp; applications.</p>

<b>Text Book</b>	
<b>Title</b>	Foundations of Nursing Research
<b>Author(s)</b>	Rose Marie Nieswiadomy
<b>Edition</b>	6th Edition
<b>Short Name</b>	Foundations
<b>Other Information</b>	

<b>Instructor</b>	
Name	Dr. Diana Jaradat
Office Location	-
Office Hours	Sun : 12:00 - 13:30 Tue : 09:00 - 10:30 Wed : 12:00 - 13:30 Thu : 09:00 - 12:30
Email	dajaradat@just.edu.jo

<b>Instructor</b>	
Name	Dr. GHADA SHAHROUR

Office Location	Ph2-L1
Office Hours	
Email	gmshahrour@just.edu.jo

<b>Class Schedule &amp; Room</b>
<p>Section 1: Lecture Time: Sun, Tue : 08:30 - 10:00 Room: P1101</p> <p>Section 2: Lecture Time: Mon, Wed : 10:00 - 11:30 Room: NB53</p>

<b>Prerequisites</b>		
<b>Line Number</b>	<b>Course Name</b>	<b>Prerequisite Type</b>
403421	NUR342 Maternal Health Nursing (Theory)	Prerequisite / Pass
403520	NUR352 Child Health Nursing (Theory)	Prerequisite / Pass
403160	NUR316 Biostatistics	Pre./Con.

<b>Tentative List of Topics Covered</b>		
<b>Weeks</b>	<b>Topic</b>	<b>References</b>
Week 1	Development of Nursing Research	<b>Chapter 1</b> From <b>Foundations</b>
Week 2	Ethical Issues In Nursing Research	<b>Chapter 2</b> From <b>Foundations</b>
Week 3	An Overview of Quantitative Research and An Overview of Qualitative Research	<b>Chapter 3 and 4</b> From <b>Foundations</b>
Week 4	Identifying a Nursing Research Problem	<b>Chapters 5</b> From <b>Foundations</b>
Week 5	Hypotheses and Research Questions	<b>Chapter 8</b> From <b>Foundations</b>
Week 6	Review of Literature	<b>Chapter 6</b> From <b>Foundations</b>
Week 7	Theory and Nursing Research	<b>Chapter 7</b> From <b>Foundations</b>
Week 8	Quantitative Research Designs (Including Clinical Research Informatics)	<b>Chapter 9</b> From <b>Foundations</b>
Week 9	Quantitative Research Designs (including methodological issues related to clinical trials such as randomization, blinding, and intention to treat)	<b>Chapter 9</b> From <b>Foundations</b>

Week 10	Population and Samples	<b>Chapter 11</b> From Foundations
Week 11	Measurement and Collection of Data (Including clinical research)	<b>Chapter 12</b> From Foundations
Week 12	Data Collection Methods	<b>Chapter 13</b> From Foundations
Week 13	Data Analysis: Descriptive Statistics	<b>Chapter 14</b> From Foundations
Week 14	Data Analysis: Inferential statistics	<b>Chapter 15</b> From Foundations
Week 15	Review for Final Exam	From Foundations

<b>Mapping of Course Outcomes to Program Student Outcomes</b>	<b>Course Outcome Weight (Out of 100%)</b>	<b>Assessment method</b>
Identify the nature of research in nursing as well as the role of the professional nurses in designing, utilizing, and conducting research. [1COMP-6, 1NUR-1]	15%	
Discuss the major steps in the research process. [1COMP-6, 1NUR-1]	20%	
Identify various principles of ethics in research as well as clinical research informatics. [1COMP-2, 1COMP-3, 1COMP-6, 1NUR- 2]	10%	
Compare various research methods used in nursing. [1COMP-6, 1NUR-1]	15%	
Identify the appropriate research design based on research purposes and questions. [1COMP-6, 1NUR-1]	20%	
Discuss relevant issues related to sampling, data collection, & data analysis. [1COMP-2, 1COMP-6, 1NUR- 5]	10%	
Critique the elements of the research report for selected studies in nursing. [1COMP-6, 1NUR- 5]	10%	

<b>Relationship to Program Student Outcomes (Out of 100%)</b>											
NUR-1	NUR-2	NUR-3	NUR-4	NUR-5	NUR-6	COMP-1	COMP-2	COMP-3	COMP-4	COMP-5	COMP-6
35	2.50			8.33			5.83	2.50			45.83

<b>Evaluation</b>	
<b>Assessment Tool</b>	<b>Weight</b>
Midterm Exam	50%
Final Exam	50%

<b>Policy</b>	
<b>Exams</b>	<p>All exams are closed book and notes.  The format of the exam will be multiple choice questions (100%).  The final exam is comprehensive (covers all the material).  Incomplete exams need approval from the dean of the nursing college and the instructor of the course.  The valid excuse should be submitted within the first week of the missed exam.</p>
<b>Cheating</b>	<p>Prohibited; and in case of cheating the student will be subject to punishment according to the university regulations.  The commitment of the acts of cheating and deceit such as copying during examinations, altering examinations for re-grade, plagiarism of homework assignments, and in any way representing the work of others as your own is dishonest and will not be tolerated. Standard JUST policy will be applied.</p> <p>المادة 6 من نظام تأديب الطلبة: إذا ضُبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعة:  أ- اعتباره راسباً في ذلك الامتحان أو الاختبار.  ب- الغاء تسجيله في بقية المسابقات المسجل لها في ذلك الفصل.  ج- فصله من الجامعة لمدة فصل دراسي واحد، و هو الفصل التالي للفصل الذي ضبط فيه.</p>
<b>Attendance</b>	<ol style="list-style-type: none"> <li>1. Full attendance is expected.</li> <li>2. JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 10% of the classes that are not excused.</li> <li>3. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.</li> </ol>
<b>Participation</b>	<p>Students are expected to be active during the lecture ask and answer questions related to the topic of the day.</p>
<b>Withdrawal</b>	<p>Please see the university calendar for deadlines:  <a href="http://www.just.edu.jo/calendar/">http://www.just.edu.jo/calendar/</a></p>

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