



**Jordan University of Science and Technology**  
**Faculty of Medicine**  
**Doctor Of Medicine (Md) Department**

MED130A Anatomy And Embryology For Midwives

Second Semester 2022-2023

**Course Catalog**

3 Credit Hours. Anatomy And Embryology For Midwives course is one of two courses for midwifery students. It is an essential course in basic medical sciences. It provides the students with a detailed description of the pelvic region, abdominal wall and the human embryology. It describes the structure, shape, relations of the pelvic wall, organs and contents of the pelvis with emphasis on that of the female. In the embryology the course provides students with detailed concepts of human embryology. It goes through different stages of development during the embryonic period, milestones during the fetal period.

**Text Book**

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|--------------------------|---|
| <b>Title</b>             | Clinical Anatomy by Region for Medical Students |
| <b>Author(s)</b>         | Snell   |
| <b>Edition</b>           | 9th Edition                                     |
| <b>Short Name</b>        | Anatomy   |
| <b>Other Information</b> | chapters: 6,7, and 8                            |

**Course References**

| Short name         | Book name                                  | Author(s)          | Edition        | Other Information          |
|--------------------|--|--------------------|----------------|----------------------------|
| Before we are born | Essentials of Embryology and Birth Defects | Moore ,<br>Persaud | 9th<br>Edition | (Chapters: 1-9, and<br>19) |

**Instructor**

|                 |  |
|-----------------|--|
| Name            | <b>Mrs. Hanan Al-Lataifeh</b>  |
| Office Location | -  |
| Office Hours    | Sun : 09:30 - 10:30<br>Mon : 08:30 - 09:30<br>Mon : 09:30 - 10:30<br>Tue : 09:30 - 10:30<br>Thu : 10:30 - 11:30<br>Thu : 15:30 - 16:30 |

|       |                     |
|-------|---------------------|
| Email | hananml@just.edu.jo |
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| <b>Class Schedule &amp; Room</b> |
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| <p>Section 1:<br/> Lecture Time: Tue : 08:30 - 09:30<br/> Room: M2201</p> |
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| <b>Tentative List of Topics Covered</b> |
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| <b>Weeks</b> | <b>Topic</b>   | <b>References</b>              |
|--------------|--|--------------------------------|
| Week 1       | Introduction to the course   | From <b>Anatomy</b>            |
| Week 1       | Bony pelvis  | From <b>Anatomy</b>            |
| Week 2       | Pelvic walls I, II   | From <b>Anatomy</b>            |
| Week 3       | Abdominal wall   | From <b>Anatomy</b>            |
| Week 3       | Pelvic fascia and peritoneum   | From <b>Anatomy</b>            |
| Week 4       | Nerves of the pelvis   | From <b>Anatomy</b>            |
| Week 4       | Pelvic blood vessels and lymphatics  | From <b>Anatomy</b>            |
| Week 5       | Joints of the pelvis and Surface anatomy of the pelvis                       | From <b>Anatomy</b>            |
| Week 5       | Clinical issues: pelvis in relation to pregnancy and child birth             | From <b>Anatomy</b>            |
| Week 6       | Pelvic organs I  | From <b>Anatomy</b>            |
| Week 6       | Pelvic organs II   | From <b>Anatomy</b>            |
| Week 7       | Perineum I   | From <b>Anatomy</b>            |
| Week 7       | Perineum II  | From <b>Anatomy</b>            |
| Week 8       | Male Reproductive system   |                                |
| Week 8       | Female Reproductive system and Female reproductive cycle                     |                                |
| Week 9       | Introduction to human embryology and Human reproduction                      | From <b>Before we are born</b> |
| Week 9       | Spermatogenesis, oogenesis Fertilization and first week of human development | From <b>Before we are born</b> |
| Week 10      | Second week of human development   | From <b>Before we are born</b> |
| Week 10      | Third week of human development  | From <b>Before we are born</b> |
| Week 11      | Third week of human development  | From <b>Before we are born</b> |
| Week 11      | Fourth to eighth weeks of human development                                  | From <b>Before we are born</b> |
| Week 12      | Revision: 1st, 2nd and 3rd weeks   | From <b>Before we are born</b> |
| Week 12      | Fetal period I   | From <b>Before we are born</b> |
| Week 13      | Fetal and neonatal circulation   | From <b>Before we are born</b> |

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|---------|--------------------------------|---|
| Week 13 | Fetal and neonatal circulation | From <b>Before we are born</b>                          |
| Week 14 | Placenta and Fetal membranes   | From <b>Before we are born</b>                          |
| Week 14 | human birth defects            | From <b>Before we are born</b>                          |
| Week 15 | Revision                       | From <b>Anatomy</b> ,<br>From <b>Before we are born</b> |
| Week 16 | Final Exam                     |   |

| Relationship to Program Student Outcomes (Out of 100%) |      |      |      |      |      |      |      |      |       |       |       |       |       |
|--|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| PLO1   | PLO1 | PLO3 | PLO4 | PLO5 | PLO6 | PLO7 | PLO8 | PLO9 | PLO10 | PLO11 | PLO12 | PLO13 | PLO14 |
|  |      |      |      |      |      |      |      |      |       |       |       |       |       |

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