# Anatomy and Physiology for Midwives

<table>
<thead>
<tr>
<th>Course Outline</th>
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<tbody>
<tr>
<td><strong>Title:</strong> Anatomy and Physiology for Midwives</td>
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<tr>
<td><strong>Abbreviation and Number:</strong> MIDW301</td>
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<tr>
<td><strong>School:</strong> Nursing and Allied Health Professions</td>
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<td><strong>Department:</strong> Allied Health</td>
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<tr>
<td><strong>Credits:</strong> 5</td>
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<td><strong>Hours Per Week:</strong></td>
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<tr>
<td><strong>Pre-requisite(s):</strong> Admission to programme or Permission of Chair/Instructor</td>
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<td><strong>Co-requisite(s):</strong> MIDW300, MIDW302, MIDW303, MIDW311</td>
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## DESCRIPTION

Students explore the anatomy and physiology of the male and female reproductive systems. Physiological and anatomical changes during pregnancy as well as intrauterine foetal growth and development are emphasised.

## SPECIFIC OBJECTIVES

Upon successful completion of this course, students will be able to

1. Discuss the anatomy and physiology of the male and female reproductive systems;
2. Explain the physiological changes occurring in women during the antepartum period;
3. Discuss the principles of intrauterine foetal growth and development; and
4. Assess foetal maturity and gestational age.

## COURSE CONTENT

I. Structure of the Male Reproductive System
   - Male sexual maturation

II. Structure of the Female Reproductive System
   - Female sexual maturation

III. Gross Structure of the Female Pelvis
   A. Types
   B. Contracted
   C. Measurements

IV. Uterine Abnormalities
   A. Structure
   B. Function

V. Perineum and Pelvic Floor
   A. Structure
   B. Functions

VI. Breast
   A. Structure
   B. Function
   C. Physiological changes in pregnancy
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VII. Physiology of Pregnancy
A. Signs and symptoms
B. Body changes
C. Systemic changes

VIII. Foetal Growth and Development
A. Fertilization
B. Development
   i. Embryo
   ii. Amnion
   iii. Amniotic fluid
C. Foetal circulation
D. Foetal skull
E. Abnormal foetal development

IX. Formation of Chorion and Placenta
   The placenta at term

X. Relationship of Foetus to Maternal Pelvis

ASSESSMENT
Tests.......................................................... 30%
Assignment.................................................. 15%
Mid-Semester Examination......................... 20%
Final Examination......................................... 35%
Total.......................................................... 100%

REQUIRED TEXTBOOKS

SUPPLEMENTARY READINGS/MATERIALS

JOURNALS
British Journal of Midwifery
International Midwifery
Journal of Obstetrics, Gynaecologic, and Neonatal Nursing
Journal of Midwifery and Woman’s Health
Nursing for Women’s Health
RCM Midwives
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