

**APPENDIX MODUL 7 : OBSTETRIC PHYSIOLOGY**

<b>Module name</b>	Obstetric Physiology
<b>Module level, if applicable</b>	Specialist Medical Education
<b>Code, if applicable</b>	20C05510102
<b>Subtitle, if applicable</b>	-
<b>Course, if applicable</b>	Obstetric Medicine and Gynecology
<b>Semester(s) in which the module is taught</b>	I
<b>Person responsible for the module</b>	Dr. dr. Deviana S Riu, Sp.OG (K) dr. Lenny Maria Lisal, Sp.OG (K)
<b>Lecturer</b>	Dr. Lenny Maria Lisal, Sp.OG (K) Dr. dr. Masita Fujiko, SpOG(K) dr. Ellen Th. Wewengkang, SpOG
<b>Language</b>	Indonesian Language [Bahasa Indonesia]
<b>Relation to Curriculum</b>	<p>This course is a compulsory course and must be passed by students before completing the first semester.</p> <p>This course learns about Physiological Obstetrics and the factors that influence the occurrence of problems in these physiological conditions and efforts to overcome them. The content of this course includes Anatomy, Histology and Physiology of Reproductive Organs; Pre-Conception Counselling; Physiological Changes in Pregnant Women; Placenta Implantation and Development; Embryogenesis and Fetal Development; Basic Antenatal Care Examination; Physiology of labour and physiology of puerperium.</p>
<b>Type of teaching, contact hours</b>	<p>Contact hours:</p> <ul style="list-style-type: none"> <li>• Lecture (13,33 hours)</li> <li>• Structured Assignment (16 hours)</li> <li>• Private Study (16 hours)</li> <li>• Fieldwork (53,33)</li> </ul> <p>Contact hours for lecture is 45,33 hours and practice is 53,33 hours, total contact hours 98,67</p>
<b>Workload</b>	<p>For this course, students are required to meet a minimum hours in one semester, which consist of:</p> <ul style="list-style-type: none"> <li>• Lecture (0,44 ECTS)</li> <li>• Structured Assignment (0,53 ECTS)</li> <li>• Private Study (0,53 ECTS)</li> <li>• Fieldwork (1,75 ECTS)</li> </ul> <p>Total ECTS: 3,29</p>
<b>Credit points</b>	2 credit points (equivalent with 3,29 ECTS)

<b>Requirements according to the examination Regulations</b>	Students must have attended all classes and submitted all class assignments that are scheduled before final tests.
<b>Recommended prerequisites</b>	-
<b>Module objective / intended learning outcomes</b>	<p>After completing this course, students are expected to:</p> <p><b>Attitude</b>  <b>A1</b> : To contribute with Faithful in God, religious, civilized, upholding human values, ethical, independent, and improving the quality of people's lives in the fields of medicine and health</p> <p><b>Knowledge:</b>  <b>K2</b> : To think in order to analyze and solve reproductive health problems in ethics, humanities, and basic health laws on a national scale using an inter- or multidisciplinary approach, and master information technology application methods in order to develop knowledge, skills, and technology, particularly in the field of obstetrics and gynaecology.</p> <p><b>Skills:</b>  <b>S1</b> : To develop by logic, critic, systematic, and creative thinking through scientific research or the creation of designs, formulate scientific conceptions and the results of their studies in the form of theses that are published in accredited scientific journals;  <b>S2</b> : To have the competence of developing ideas, thoughts, and scientific arguments responsibly and in accordance with academic ethics and communicating with the academic community and the larger community through the media.</p> <p><b>Competence:</b>  <b>C1</b> : To provide their knowledge in handling every obstetrics and gynaecology case with professional skills appropriate to their level of competence using an evidence-based medical approach (evidence-based medicine) with effective communication skills in the practise of interprofessional collaboration required to improve the quality of reproductive health services for women;  <b>C2</b> : To be able to identify and manage reproductive health problems in the community using a holistic approach (motivational, preventive, curative, and rehabilitative) in accordance with community conditions and needs  <b>C3</b> : To demonstrate professional responsibilities, adhering to ethical principles (autonomy, beneficence, justice, and non-maleficence), and being sensitive of providing information and recommendations to improve reproductive health services to the needs of various societies.</p>
<b>Content</b>	<p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Anatomy, Histology and Physiology of Reproductive Organs</li> <li>2. Pre-Conception Counselling</li> </ol>

	<ol style="list-style-type: none"> <li>3. Physiological Changes in Pregnant Women</li> <li>4. Placenta Implantation and Development</li> <li>5. Embryogenesis and Fetal Development</li> <li>6. Basic Antenatal Care Services</li> <li>7. Physiology of labour</li> <li>8. Postpartum Physiology</li> </ol>
<b>Forms of Assessment</b>	Multi-source Feedback 10% Portfolio 10% Case-Based Discussion 10% MCQ 50% DOPS 20%
<b>Study and examination requirements and form of examination</b>	<p><b>Study and examination requirements:</b></p> <ul style="list-style-type: none"> <li>• Students must attend 15 minutes before the class start, and 30 minutes before examination start</li> <li>• Students must switch off all electronic devices (for offline class)</li> <li>• Students must switch on the camera/video during the class (for online class)</li> <li>• Students must inform the lecturer if they will not attend the class due to sickness, etc.</li> <li>• Students must submit all class assignment before the deadline</li> <li>• Students must attend the exam to get final grade</li> </ul> <p><b>For examination:</b>  Multiple Choice Question using vignette, DOPS, Cased-Based Discussion, Portfolio</p>
<b>Media Employed</b>	Video and Power Point Presentation
<b>Reading List</b>	<p><b>Compulsory :</b></p> <ol style="list-style-type: none"> <li>1. Cunningham FG, Leveno KJ, Bloom SL, Dashe JS, Hoffman BL, Casey BM, Spong CY. Williams Obstetrics. 24th ed. Texas: The McGraw-Hill Companies, Inc; 2014.</li> </ol> <p><b>Additional :</b></p> <ol style="list-style-type: none"> <li>2. Sukarya WS. Ilmu Kebidanan. 4th ed. Jakarta: PT Bina Pustaka Sarwono Prawirohardjo; 2014.</li> </ol>