Challenges in Women and Child Healthcare

Code:  
M_BCWCH19

Type:  
Optional

Period:  
Semester 1

Credits:  
24.0

Language of instruction:  
English

Faculty:  
VUmc School of Medical Sciences

Coördinator:  
Mrs. drs. S.D. Sie, mrs. dr. P.C.A.M. Bakker

Examinator:  
Mrs. drs. S.D. Sie, mrs. dr. P.C.A.M. Bakker

Mode of delivery:  
Face-to-face

Learning activities and teaching methods:  
Seminars, lectures, practicals, study groups, patient demonstrations, workshops, excursions, debate

Level:  
300

Target audience  
Bachelor’s students of VUmc School of Medical Sciences and external (and international) students with a (bio)medical background.

Course content  
This minor leads you through the circle of life: from reproduction, to pregnancy, from birth to adulthood, from prevention to treatment. The minor comprises current research topics in the field of Gynecology, Obstetrics and Child Healthcare, as these disciplines are closely related. With this minor we intend to bridge the gap between research and clinical practice. How does patient care leads to research questions and how are results translated into clinical practice? What are the big innovations and how did it change patient care and research? What are the consequences of big data? Various topics will be studied, like fertility, uterine abnormalities, perinatology, oncology, pediatric diseases, food & health, public healthcare, ethics. The students will be challenged to discuss about these topics.
Learning outcomes
After this minor the student can:
1. describe the translational links between research and clinical problems in the area of gynecology, obstetrics and pediatrics
2. critically reflect on results of current research in gynecology, obstetrics and pediatrics and explain how to translate these results into clinical practice.
3. reproduce the specific challenges and disease background in gynecology, obstetrics and pediatrics
4. generate a research question and select suitable methodology in order to work towards a solution for a particular clinical problem in the area of gynecology, obstetrics and pediatrics
5. explain the relevance of the developmental level of the child as well as the legal and ethical aspects of research in children and pregnant women when designing a clinical study.

Assessment methods and criteria
Writing assignment, research proposal writing, oral presentation, debate, two central exams.

Recommended or required reading and other learning resources/tools
This minor is supported by a corresponding CANVAS course, which contains all of the required information of this minor including an overview of the required articles and assignments. The CANVAS course will also be used to post announcements relevant to the minor. You will automatically have access to the CANVAS course.

Prerequisites
Knowledge on gynecology, obstetrics and pediatrics, as provided during the major, is recommended.