Detailed Study Plan:

Study Plan			
Course name	**Course description**	**Year, term**	**Credit hours**
Contemporary Issues in Healthcare	This course will review and analyze contemporary issues in healthcare and their potential impact on health in general. Topics covered in this course include Governance, Leadership and Artificial Intelligence in Healthcare.	Year 1, term 1	2
Seminars in Health Sciences	This course exposes students to several contemporary and important topics that are essential for professionals in the field of public health. Topics may include but not limited to: Innovation in healthcare, patient-centered care and patient engagement, healthcare quality and disparities in women, healthcare enterprise, patient self-management, and clinical integration of care.	Year 1, term 2	2
Qualitative research	This course offers the opportunity to study, explore and understand a range of qualitative methodologies and methods and to develop student's knowledge and skills in critically assessing qualitative research.	Year 1, term 2	2
Research Methodology	The course trains students on all steps of conducting research from generation of a study question to publication. Students learn the difference between qualitative and quantitative research, but the emphasis is on the latter. Supported with examples and published studies in the field of healthcare quality and patient safety, students learn about different study designs, validity issues including chance, bias, and confounding. Students learn about evidence-based medicine and patient outcomes. Students also practice critical appraisal of published research. By the end of the course, students are introduced to the basics of Knowledge translation, identifying barriers to introducing evidence-based changes in a clinical environment and strategies to overcome such barriers.	Year 1, term 3	2
Applied Biostatistics	This course introduces students to the essential concepts of descriptive and inferential statistics and the applied application of statistical methods in the field of health. Topics covered include descriptive statistics, hypothesis testing, Bivariate analysis (Chi-square, t-test, ANOVA, correlation), and simple and multiple regression. Practical computer lab sessions are conducted to allow students to practice data cleaning, data management, and data analysis using SPSS software.	Year 1, term 3	2
Systematic Review and Meta-Analysis	The course gives students the appreciation of the importance of systematic review (SR) and meta-analysis (MS). It gives students the tools needed for carrying out a full SR and MA. This includes search strategies of appropriate databases, assessing the quality of the studies, using meta-analysis software, and reporting the qualitative and quantitative results.	Year 1, term 1	2
Comprehensive examination	The exam will be an oral examination of the student's ability to present their initial PhD research work. The exam will give the student the perspective he/she needs in order to start their thesis journey. The exam will give the student the ability to utilize what they learned in their course work throughout their first year of their PhD studies.	Year 1, term 3	Pass/ Fail
Thesis	The thesis serves as a culminating experience and the last fulfilment of the requirements for the Doctor of Philosophy in Health Sciences from Imam Abdulrahman bin Faisal University, after completion of all required courses. Upon completion of the thesis course, students are expected to have at least two publishable articles in their area of selected specialty (i.e., within the health sciences).	Years 2&3	12