**King Saud University, College of Science**

**Biochemistry Department,**

**BCH 604, Bioethics,**

**Second Semester 1444 H– 2022-23**

**Course number and name:** BCH 604, Advanced Topics in Biochemical Research

**Credi hours**: 1 (+0)

**Course Description**

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| **Topics to be covered** |  |  |  |  |
|  | List of Topics | No. of  Weeks | Contact Hours | Faculty Member |
|  | Scientific integrity and compliance with regulations for laboratory research | 2 | 4 | Prof. Nikhat Siddiqi |
|  | Ethical issues in life sciences |  |  | Prof. Nikhat Siddiqi |
|  | Principles of Bioethics and technology |  |  | Prof. Nikhat Siddiqi |
|  | Biochemistry and bioethics |  |  | Prof. Nikhat Siddiqi |
|  | Bioethical problems |  |  | Prof. Seema Zargar |
|  | 1. Rational justification for ethical problems |  |  | Prof. Nikhat Siddiqi |
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**Course learning**

1. Giving lecture
2. Discussion of the subject with the student
3. Oral assessment during the lecture
4. Search of scientific topics from the internet and scientific websites

**Knowledge and cognitive skills to be gained by the students**

1. Writing a review
2. Oral presentation by the student
3. Knowledge and cognitive skills
4. Oral and power point presentation

**Assessment**

Each faculty member will evaluate the students for 50 marks as follows

1. Written midterm exam - 30 marks
2. Prsentation- 15 marks
3. Review- 15 marks
4. IV. Final exam-40 Marks