



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
STEM CELL AND REGENERATIVE MEDICINE (INTERDISCIPLINARY)
STEM CELL AND REGENERATIVE MEDICINE INTERDISCIPLINARY
STEM CELL AND REGENERATIVE MEDICINE INTERDISCIPLINARY MASTER
COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|----------|------------|--------------|---|--------------------------------|---|------------|---|
| Course Title | Seminar | | | | | | | | |
| Course Code | KHÜ701 | | | Course Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 2 | Workload | 54 (Hours) | Theory | 0 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | The aim of this course is to enable the students who have master's degree in Stem Cell and Regenerative Medicine Department to synthesize and present the information they have collected in order to gain the ability to follow, evaluate and discuss current professional issues and related information by conducting literature research. | | | | | | | | |
| Course Content | In this course, literature research, data collection, analysis of collected data, presentation preparation and presentation will be made. | | | | | | | | |
| Work Placement | N/A | | | | | | | | |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Project Based Study, Individual Study | | | | | | | | |
| Name of Lecturer(s) | Prof. İrfan YAVAŞOĞLU, Prof. Kemal ERGİN | | | | | | | | |

| Assessment Methods and Criteria | | |
|---------------------------------|----------|----------------|
| Method | Quantity | Percentage (%) |
| Seminar | 1 | 100 |

| Recommended or Required Reading | |
|---------------------------------|--|
| 1 | Reference books and articles related to the selected seminar topic, pubmed, internet |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Practice | Determination of the seminar topic (s) |
| 2 | Practice | Literature search |
| 3 | Practice | Literature search |
| 4 | Practice | Literature search |
| 5 | Practice | Literature search |
| 6 | Practice | Data collecting |
| 7 | Practice | Data collecting |
| 8 | Practice | Data collecting |
| 9 | Practice | Data analysis |
| 10 | Practice | Data analysis |
| 11 | Practice | Data analysis |
| 12 | Practice | Preparing a presentation |
| 13 | Practice | Preparing a presentation |
| 14 | Practice | Preparing a presentation |
| 15 | Practice | Presentations |

| Workload Calculation | | | | |
|----------------------|----------|-------------|----------|----------------|
| Activity | Quantity | Preparation | Duration | Total Workload |
| Lecture - Practice | 14 | 1 | 2 | 42 |



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|---|---|---|---------------------------------------|----|
| Seminar | 1 | 6 | 6 | 12 |
| | | | Total Workload (Hours) | 54 |
| | | | [Total Workload (Hours) / 25*] = ECTS | 2 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

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|---|--|
| 1 | To be able to interpret, develop and use the knowledge gained in the field of Stem Cell and Regenerative Medicine and thesis. |
| 2 | Can access the information sought in the field of Stem Cell and Regenerative Medicine. |
| 3 | To be able to observe scientific and ethical values in the stages of data collection, evaluation and development in the field of Stem Cell and Regenerative Medicine. |
| 4 | Students will be able to develop and solve new approaches in the field of Stem Cell and Regenerative Medicine using research methods. |
| 5 | To be able to transfer current developments in the field of Stem Cell and Regenerative Medicine and his / her thesis and his / her studies in written, oral and visual form. |

Programme Outcomes (Stem Cell and Regenerative Medicine Interdisciplinary Master)

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|----|--|
| 1 | To have comprehensive and in-depth knowledge of Stem Cell and Regenerative Medicine |
| 2 | To have information about stem cell production and characterization |
| 3 | To learn stem cell sources, stem cell types and their differences |
| 4 | To understand the molecular and genetic structure of stem cells |
| 5 | To be able to learn and make stem cell culture methods |
| 6 | To be able to adapt the knowledge in the field of stem cells to research in line with current developments |
| 7 | To be able to use molecular laboratory methods used in stem cell research |
| 8 | Learning in vitro disease models and in vivo experiments related to stem cells |
| 9 | To have knowledge about stem cell therapies and clinical use |
| 10 | Conduct independent research in accordance with the principles of research and publication ethics |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P1 | 5 | 4 | 4 | 4 | 4 |
| P2 | 5 | 5 | 4 | 4 | 4 |
| P3 | 5 | 4 | 4 | 4 | 4 |
| P4 | 5 | 4 | 4 | 4 | 4 |
| P5 | 5 | 4 | 4 | 4 | 4 |
| P6 | 5 | 4 | 4 | 4 | 4 |
| P7 | 5 | 4 | 4 | 4 | 4 |
| P8 | 5 | 4 | 4 | 4 | 4 |
| P9 | 5 | 4 | 4 | 4 | 4 |
| P10 | 5 | 4 | 4 | 4 | 4 |

