



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|--|-----------|--------------|---|--------------------------------|---|------------|---|
| Course Title | | Model-Based Instruction in Science Education | | | | | | | |
| Course Code | | İFB561 | | Course Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 5 | Workload | 0 (Hours) | Theory | 3 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | | | | | | | | |
| Course Content | | | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|--------|----------|----------------|
|--------|----------|----------------|

Recommended or Required Reading

Week Weekly Detailed Course Contents

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Total Workload (Hours) | | | | 0 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 0 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

Programme Outcomes (Science Education Master's Without Thesis)

| | |
|---|---|
| 1 | To be able to transfer expert knowledge gained in science education into various instructional environment. |
| 2 | To be able to use information and communication technologies efficiently in conceptual learning |
| 3 | To be able to find scientific solutions to the problems in the field of science education |
| 4 | To be able to evaluate the knowledge critically in the field |
| 5 | To be able to adopt lifelong learning strategies to his/her studies |
| 6 | To be able to comprehends science under the ethical values and take account of ethical considerations |
| 7 | To be able to follow the current development in the science education field |
| 8 | To be able to comprehend and evaluate science-technology-society and environment interactions |

