

## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| Course Title                                     |   | Argumentation in Science Education |           |             |   |                                |   |            |   |  |
|--|---|------------------------------------|-----------|-------------|---|--------------------------------|---|------------|---|--|
| Course Code                                      |   | iFB560                             |           | Couse Level |   | Second Cycle (Master's Degree) |   |            |   |  |
| ECTS Credit                                      | 7 | 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 |
|   |          | To                | tal Workload (Hours)        | 0              |
|   |          | [Total Workload ( | Hours) / 25*] = <b>ECTS</b> | 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               |  |  |  |

