

**T.C.**  
**ERCİYES UNIVERSITY**  
**GRADUTE SCHOOL OF EDUCATIONAL SCIENCES**  
**Department of Mathematics and Science Education**  
**2023-2024 Academic Year Spring Semester Graduate Programs Weekly Course Schedules**

**Science Education Program (MA) Weekly Course Schedules**

| Course Unit Code | Course Unit Title                                  | Faculty Member                             | Course Location | Course Day and Time |         |   |   |   |
|------------------|--|--|-----------------|---------------------|---------|---|---|---|
|                  |  |  |                 | Monday              | Tuesday | Wednesday                                 | Thursday                                  | Friday                                    |
| İFE500           | Seminar  | Prof. Dr. İshak Afşin KARİPER              | Office          |                     |         | 10:10-11:00<br>11:10-12:00                |   |   |
| İFE501           | Quantitative Research Methods in Science Education | Prof. Dr. Mustafa METİN                    | Office          |                     |         |   | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |
| İFE502           | Qualitative Research Methods in Science Education  | Assoc. Prof. Dr. Ebru EZBERCİ<br>ÇEVİK     | Office          |                     |         | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |   |
| İFE505           | New Approaches in Science Teaching                 | Assoc. Prof. Dr. Fulya ÖNER<br>ARMAĞAN     | Office          |                     |         |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |   |
| İFE506           | Computer Assisted Science Education                | Prof. Dr. Uğur BÜYÜK                       | Office          |                     |         |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |   |
| İFE509           | Science Philosophy                                 | Prof. Dr. Oktay BEKTAŞ                     | Office          |                     |         |   | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |
| İFE510           | Special Topics in Biology Education                | Assoc. Prof. Dr. Mustafa<br>HAMALOSMANOĞLU | Office          |                     |         |   |   | 14:10-15:00<br>15:10-16:00<br>16:10-17:00 |
| İFE512           | Special Topics in Chemistry Education              | Prof. Dr. Murat SARAÇOĞLU                  | Office          |                     |         |   |   | 14:10-15:00<br>15:10-16:00<br>16:10-17:00 |
| İFE516           | International Approaches in Science Education      | Assoc. Prof. Dr. Ebru EZBERCİ<br>ÇEVİK     | Office          |                     |         | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |   |   |

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| İFE522 | Physics and Life  | Prof. Dr. Hasan KAYA                    | Office |  |   |  | 9:10-10:00<br>10:10-11:00<br>11:10-12:00 |   |
| İFE527 | STEM Education in Science                               | Assoc. Prof. Dr. Esra KIZILAY           | Office |  | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |  |  |   |
| İFE530 | Physics II  | Prof. Dr. Emine GÜNERİ                  | Office |  | 14:10-15:00<br>15:10-16:00<br>16:10-17:00 |  |  |   |
| İFE531 | Statistics I  | Prof. Dr. Oktay BEKTAŞ                  | Office |  |   |  | 9:10-10:00<br>10:10-11:00<br>11:10-12:00 |   |
| İFE532 | Fundamentals of Mixed Research Method                   | Prof. Dr. Oktay BEKTAŞ                  | Office |  |   |  |  | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |
| İFE536 | Teaching of Socioscientific Issues in Science Education | Assoc. Prof. Dr. Aslı SAYLAN KIRMIZIGÜL | Office |  |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00 |  |   |

**Assoc. Prof. Dr. Fulya ÖNER ARMAĞAN**  
Head of Science Department

**Prof. Dr. Danyal SOYBAŞ**  
Head of Department

**Science Education Program (PHD) Weekly Course Schedules**

| Course Unit Code | Course Unit Title  | Faculty Member                          | Course Location | Course Day and Time                       |   |  |   |        |
|------------------|--|---|-----------------|---|---|--|---|--------|
|                  |  |   |                 | Monday                                    | Tuesday                                   | Wednesday                                | Thursday                                  | Friday |
| İFE600           | Seminar  | Prof. Dr. Sibel SARAÇOĞLU               | Office          | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |  |   |        |
| İFE602           | Advanced Qualitative Research Methods                          | Prof. Dr. Mustafa METİN                 | Office          | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |   |  |   |        |
| İFE604           | Research and Literature Analysis in Science Education          | Assoc. Prof. Dr. Fulya ÖNER ARMAĞAN     | Office          |   | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |  |   |        |
| İFE606           | Measurement Tool Development in Science Education              | Prof. Dr. Oktay BEKTAŞ                  | Office          | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |   |  |   |        |
| İFE610           | Science-Technology-Society-Environment V (Astronomical Events) | Prof. Dr. Hasan KAYA                    | Office          |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |  |   |        |
| İFE611           | Scientific Process Skills                                      | Prof. Dr. Uğur BÜYÜK                    | Office          |   | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |  |   |        |
| İFE618           | Teacher Education and Qualifications in Science                | Prof. Dr. Uğur BÜYÜK                    | Office          |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00  |  |   |        |
| İFE624           | Teaching Basic Biology Concepts with Constructivist Approach   | Assoc. Prof. Dr. Mustafa HAMALOSMANOĞLU | Office          | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |  |   |        |
| İFE625           | Engineering Applications in Science Education                  | Assoc. Prof. Dr. Esra KIZILAY           | Office          |   |   |  | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |        |
| İFE628           | Interdisciplinary Approaches in Science Education              | Assoc. Prof. Dr. Esra KIZILAY           | Office          |   |   | 9:10-10:00<br>10:10-11:00<br>11:10-12:00 |   |        |
| İFE630           | Academic Article Writing                                       | Prof. Dr. Mustafa METİN                 | Office          | 13:10-14:00<br>14:10-15:00<br>15:10-16:00 |   |  |   |        |