|    | MEDICINA  | L AND   | AROICAL PLANTS   |  |  |  |  |  |  |
|----|---|---|--|--|--|--|--|--|--|
| 1  | Course Title:   | MEDICIN   | NAL AND AROICAL PLANTS   |  |  |  |  |  |  |
| 2  | Course Code:  | ORGS234   |  |  |  |  |  |  |  |
| 3  | Type of Course:   | Optional  |  |  |  |  |  |  |  |
| 4  | Level of Course:  | Short Cy  | rcle   |  |  |  |  |  |  |
| 5  | Year of Study:  | 2   |  |  |  |  |  |  |  |
| 6  | Semester:   | 4   |  |  |  |  |  |  |  |
| 7  | ECTS Credits Allocated:                                 | 3.00  |  |  |  |  |  |  |  |
| 8  | Theoretical (hour/week):                                | 2.00  |  |  |  |  |  |  |  |
| 9  | Practice (hour/week):                                   | 0.00  |  |  |  |  |  |  |  |
| 10 | Laboratory (hour/week):                                 | 0   |  |  |  |  |  |  |  |
| 11 | Prerequisites:  | _   |  |  |  |  |  |  |  |
| 12 | Language:   | Turkish   |  |  |  |  |  |  |  |
| 13 | Mode of Delivery:                                       | Face to f   | face   |  |  |  |  |  |  |
| 14 | Course Coordinator:                                     | Öğr.Gör.  | GÖZDE KARABULUT  |  |  |  |  |  |  |
| 15 | Course Lecturers:                                       | Öğr. Gör  | . Aslı Gül Muhammad  |  |  |  |  |  |  |
| 16 | Contact information of the Course Coordinator:          | asligul@uludag.edu.tr orhaneli myo<br>02248173014/62406   |  |  |  |  |  |  |  |
| 17 | Website:  |   |  |  |  |  |  |  |  |
| 18 | Objective of the Course:                                | The aims of this course can be defined as understanding of importance of medicinal plants in the World and Turkey, revealing its role in the World and Turkey trade, introducing of this plants group, teaching the general cultivation techniques, introducing particular economic importance for Turkey and teaching culture of medicinal plants. |  |  |  |  |  |  |  |
| 19 | Contribution of the Course to Professional Development: |   |  |  |  |  |  |  |  |
| 20 | Learning Outcomes:                                      |   |  |  |  |  |  |  |  |
|    |   | 1   | The importance of medicinal plants in agriculture of World and Turkey.   |  |  |  |  |  |  |
|    |   | 2   | To be able to learn especially agronomy of medicinal plants more than other field crops plants.                        |  |  |  |  |  |  |
|    |   | 3   | To be able to obtain information about general characteristics of medicinal plants.                                    |  |  |  |  |  |  |
|    |   | 4   | To be able to obtain information about ecological requirements techniques of growing, drying and store in this plants. |  |  |  |  |  |  |
|    |   | 5   | To be able to give information to the producers about providing material, production process and about marketing.      |  |  |  |  |  |  |
|    |   | 6   |  |  |  |  |  |  |  |
|    |   | 7   |  |  |  |  |  |  |  |
|    |   | 8   |  |  |  |  |  |  |  |
|    |   | 9   |  |  |  |  |  |  |  |
|    |   | 10  |  |  |  |  |  |  |  |
| 21 | Course Content:   |   |  |  |  |  |  |  |  |
|    |   | Со  | ourse Content:   |  |  |  |  |  |  |
|    | Theoretical   |   | Practice   |  |  |  |  |  |  |
| 1  | Historical development over medicina                    | al plants.  |  |  |  |  |  |  |  |

| 2  | Importar<br>plant.                        | portance and classification of medicinal ant.  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
|--|---|--|---------------------------|---------------|-------------------------|------------------|-----------------|----------------------------|---|---------|-----------------|--------------------------------|------|---------------------------|---|-------|--|
| 3  | Status of                                 | itus of medicinal plant in World and Turkey  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 4  | Ecologic                                  | ological requirement of medicinal plants   |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 5  | The main                                  |  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 6  | Storage plants, ir                        |  |                           |               |                         | edicii           | nal             |                            |   |         |                 |                                |      |                           |   |       |  |
| 7  |   | Secondary plant materials and their ariability.  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 8  | Repeatir                                  | ng cou   | rses a                    | nd mi         | dterm                   | exam             | 1               |                            |   |         |                 |                                |      |                           |   |       |  |
| 9  | Essentia                                  | sential oils and their characteristics.  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 10   | Apiacea<br>characte                       | nportance of some plants belong to placeae family (dill, coriander, fennel, anis), naracteristics of herb, technique of gronomy and uses of them.  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 11   | Apiacea<br>characte                       | mportance of some plants belong to spiaceae family (daisy,fleaworth), haracteristics of herb, technique of agronomy and uses of them.  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| 12   | Lamiace characte                          | Importance of some plants belong to Lamiaceae family (mint, oregano) characteristics of herb, .technique of agronomy and uses of locality.   |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
|  | Importar                                  |  |                           |               |                         |                  |                 |                            |   |         |                 |                                |      |                           |   |       |  |
| Activites  |   |  |                           |               |                         |                  |                 | Number                     |   |         | Duration (hour) |                                |      | Total Work<br>Load (hour) |   |       |  |
| Theore   | tical                                     |  | ,                         |               |                         |                  |                 |                            | 14  | 100     |                 | 2.00                           | 2.00 |                           |   | 28.00 |  |
|  | als/Labs                                  | الم اللم   | +~*~                      |               | d/a#/1                  | *10.0            |                 |                            | 0   | 477     | L I Ibb.        | 0.00                           |      | - / 150 0                 | 0.00  | ^-    |  |
| Self stu   | dy and p                                  | repera   | ition                     |               |                         |                  |                 | Zı                         | mpupatFa  | kültesi | Yayınla         | 12.00                          |      |                           | 28.00   |       |  |
|  |   | Homeworks  |                           |               |                         |                  |                 |                            |   | 0       |                 |                                |      |                           | 0.00  |       |  |
| FERM LEARNING ACTIVITIES NUMBE   |   |  |                           |               |                         |                  |                 |                            | _   |         | WEIGHT          |                                |      |                           |   |       |  |
|  | EARNING                                   | ACTI   | VITIES                    |               |                         |                  | NUMBE<br>R      |                            | _   |         |                 | 0.00                           |      |                           | 0.00  |       |  |
| Field St   |   | S ACTI   | VITIES                    |               |                         |                  | NUMBE<br>R      | : W                        | _   |         |                 | 0.00                           |      |                           |   |       |  |
| Field St   |   | S ACTI   | VITIES                    |               |                         |                  | NUMBE<br>R<br>0 | : W                        | <b>БІВНТ</b>  |         |                 |                                |      |                           | 0.00  |       |  |
| Field St   | tudies<br>n exams                         | S ACTI   | VITIES                    |               |                         |                  | R               | : <b>W</b>                 | <b>БІВНТ</b>  |         |                 | 0.00                           | )    |                           | 0.00  |       |  |
| Field St   | tudies<br>m exams                         | S ACTI   | VITIES                    |               |                         |                  | R               | 0.0                        | <b>БІВНТ</b><br>0<br>0  |         |                 | 0.00                           |      |                           | 0.00<br>0.00<br>14.00   |       |  |
| Field St<br>Midtern<br>Others  | tudies<br>m exams                         |  | VITIES                    |               |                         |                  | <b>R</b> 0      | 0.0                        | 0<br>0<br>0<br>0<br>0   |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00                                   |       |  |
| Field St<br>Midtern<br>Others<br>FIRALES<br>Total W  | tudies<br>n exams<br>Xams                 | 1  |                           |               | ing Ac                  |                  | 0<br>1          | 0.0                        | 0<br>0<br>0<br>0<br>0   |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field Standard Total W   | tudies n exams xams Vork Loac             | i<br>-30.hr∕   | Year) l                   |               | ina Ac                  |                  | 0<br>1          | 0.0                        | 0<br>0<br>0<br>0<br>0   |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field St<br>Midtern<br>Others<br>FINALES<br>Total W<br>Contrib<br>ECTS (   | tudies n exams  Xams  Vork Load           | I<br>-30 hr<br>em (\)  | Year) l<br>urse           | Learn         |                         | tivitie          | 0<br>1          | W                          | 0<br>0<br>0<br>0<br>0   |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field St<br>Midtern<br>Others<br>FINALES<br>Total W<br>Contrib<br>ECTS (   | tudies n exams  Xams Vork Load  Otto 1000 | I<br>-30 hr<br>em (\)  | Year) l<br>urse           | Learn         |                         | tivitie          | 0<br>1          | 60                         | 0<br>0<br>0<br>0<br>0<br>1.00   |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field St   | xams  Xams  Vork Load  Credit of to       | I<br>30 hr<br>em (v<br>the Co  | Year) I<br>urse<br>xam to | Learn<br>Suc  | cess G                  | tivitie          | 0<br>1<br>s to  |                            | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field St<br>Midtern<br>Others<br>Final E<br>Total W<br>Contrib<br>Contrib<br>Total<br>Measur<br>Course   | xams  Xams  Vork Load  Credit of to       | I<br>emfo<br>the Co<br>Final E   | Year) I<br>urse<br>xam to | Learn<br>Succ | cess G                  | tivitie          | 0<br>1<br>s to  |                            | 0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 |         |                 | 0.00<br>14.00<br>0.00          |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00                 |       |  |
| Field St<br>Midtern<br>Others<br>Final E<br>Total W<br>Contrib<br>Contrib<br>Total<br>Measur<br>Course   | xams Vork Load Credit of to rement ar     | I de la contraction de la cont | Year) I<br>urse<br>xam to | Learn O Suco  | cess G                  | tivitie<br>frade | 0<br>1<br>s to  | 60<br>10<br>60<br>10<br>60 | 0<br>0<br>0<br>0<br>0<br>0.00<br>0.00<br>0.00   |         | COMES           | 0.00<br>14.00<br>0.00<br>20.00 |      |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00<br>3.00<br>3.00 |       |  |
| Field Standard Field Standard Field Standard Field Fie | Xams Vork Load Order of the control of F  | d He Co<br>Final E   | Year) I<br>urse<br>xam to | Learn O Succ  | cess G<br>hnique<br>TAB | tivitie<br>irade | s to            | 60<br>60<br>10<br>40       | 0<br>0<br>0<br>0<br>0<br>0.00<br>0.00<br>0.00   | ATIC    | NS              | 0.00<br>14.00<br>0.00<br>20.00 | PROC | BRAM                      | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00<br>3.00<br>ME   |       |  |
| Field Standard Field Standard Field Standard Field Fie | Xams Vork Load Order of the control of F  | d He Co<br>Final E   | Year) I<br>urse<br>xam to | Learn O Succ  | cess G<br>hnique<br>TAB | tivitie<br>irade | 0<br>1<br>s to  | 60<br>60<br>10<br>40       | 0<br>0<br>0<br>0<br>0<br>0.00<br>0.00<br>0.00   | ATIC    |                 | 0.00<br>14.00<br>0.00<br>20.00 | PROC |                           | 0.00<br>0.00<br>14.00<br>0.00<br>20.00<br>90.00<br>3.00<br>ME   | PQ16  |  |

| Contrib 1 very low ution Level:                    |   |   | : | 2 low |   | 3 | Medi | um | , | 4 Higl | า |   | 5 Ver | y High |   |   |
|--|---|---|---|-------|---|---|------|----|---|--------|---|---|-------|--------|---|---|
| LO: Learning Objectives PQ: Program Qualifications |   |   |   |       |   |   |      |    |   |        |   |   |       |        |   |   |
| ÖK5  | 0 | 4 | 0 | 0     | 0 | 0 | 0    | 0  | 0 | 0      | 0 | 0 | 0     | 0      | 0 | 0 |
| ÖK4  | 0 | 3 | 0 | 0     | 0 | 0 | 0    | 0  | 0 | 0      | 0 | 0 | 0     | 0      | 0 | 0 |
| ÖK3  | 0 | 0 | 0 | 0     | 0 | 0 | 0    | 0  | 0 | 0      | 0 | 0 | 0     | 0      | 0 | 0 |
| ÖK2  | 0 | 0 | 0 | 2     | 0 | 0 | 0    | 0  | 0 | 0      | 0 | 0 | 0     | 0      | 0 | 0 |