## Course Syllabus

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| **Code - Course Title** | **TEZ700 - Thesis** |
| **Course Type** | III. SEMESTER |
| **Laboratory + Practice** | 0+1 |
| **ECTS** | **30.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | PROFESÖR FETHİYE GONCA İLBEYİ DEMİR, PROFESÖR MELİKE TAŞCIOĞLU VAUGHAN, PROFESÖR TEVFİK FİKRET UÇAR, DR. ÖĞR. ÜYESİ MEHTAP UYGUNGÖZ, DOÇENT DİLEK ERDOĞAN AYDIN, PROFESÖR YAŞAR USLU |

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| **Mode of Delivery** | Face to face |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | There is no recommended optional programme component for this course. |
| **Work Placement** | N/A |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Exchange information with the student on his/her areas of interest in order to define the scope of the thesis | |
| **Week - 2** | | Evaluate the literature survey the student has done on the proposed research topic | |
| **Week - 3** | | Evaluate hypotheses the student has put forward on his/her research topic. Decide on the hypothesis to be used in the thesis work. | |
| **Week - 4** | | Decide on a research plan and equipment to be used in the thesis work in the light of the literature survey. | |
| **Week - 5** | | Define experimental parameters to be used in the thesis work. | |
| **Week - 6** | | Carry out studies for the supply of materials to be used in the thesis work. | |
| **Week - 7** | | Carry out research work. | |
| **Week - 8** | | Carry out research work. | |
| **Week - 9** | | Carry out research work. | |
| **Week - 10** | | Carry out research work. | |
| **Week - 11** | | Carry out research work. | |
| **Week - 12** | | Carry out research work. | |
| **Week - 13** | | Carry out research work. | |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 14** | | Discuss preliminary results and make changes in the research plan if necessary. | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| **1** | 1. will be able to design a scientific research topic. 1.1. determine a research subject related to the pharmacognosy investigation areas. 1.2. discuss basic information on the subject decided. 1.3. compose the current literature information related to the subject decided . 1.4. Organize the composed informations. 1.5. propose a new, specific hyphotesis on the basis of composed informations. 2. will be able to construct experimental protocols in order to investigate the accuracy of the hypothesis. 2.1. compose the approved methods related to the interested pharmacognosy subject. 2.2. question the working principles of the experimental apparatus. 2.3. operate the experimental apparatus. 2.4. arrange the experimental parameters needed for the investigations. 3. will be able to analyze experimental datas. 3.1. organize the crude data obtained from the experiments. 3.2. question the statistical methods fort he appropriate satistical analysis. 3.3. operate the appropriate satistical programme 3.4. analyse the datas suitable to the investigation protocols. 3.5. distinguish the statistical significancy of the analysed results. 4. will be able to evaluate experimental results in the light of pharmacognosy. 4.1. interpret statistical results of each experimental protocols from pharmacognostic point of view. 4.2. discuss the possible causes of the experimental findings. 4.3. question the confirmation of hypothesis by experimental results. 5. will be able to construct a scientific report in the light of self-assessment and experimental results. 5.1. explain the principles of preparing a scientific report 5.2. prepare a text including the hypothesis, experimental methods, findings and evaluations of the findings. 5.3. judge the contribution of experimental results to the science. 5.4. propose new investigation areas on the basis of the experimental results. |

## Sustainable Development Goals

*No content has been provided.*

## Course Theme

*No content has been provided.*

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| Teorik Derse Katılım | 0 | 0 | 0 |
| Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı) | 0 | 0 | 0 |
| Ödevler | 0 | 0 | 0 |
| Proje - Rapor - Sunum Hazırlama | 0 | 0 | 0 |
| Ara Sınav Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Final Sınavı Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.) | 0 | 0 | 0 |
| Staj Uygulaması | 0 | 0 | 0 |
| | | **Calculated ECTS** | **0** |

## Assessment Method and Passing Requirements

*No content has been provided.*