Course Syllabus

Code - Course Title	**VBA407 - Reproducible Research and Academic Publishing**
Course Type	VII. SEMESTER
Laboratory + Practice	3+1
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ÖNDER DORAK

Mode of Delivery	Face to face

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Academic Writing: Structuring high-impact research papers	
Week - 2		Synthesizing literature reviews	
Week - 3		Managing citations with robust reference managers	
Week - 4		R and Quarto Workflows: Generating dynamic documents	
Week - 5		Utilizing advanced markdown syntax	
Week - 6		Implementing Git version control for collaborative research	
Week - 7		Publishing Standards: Producing camera-ready outputs	
Week - 8		Managing document localization (Turkish cross-referencing)	
Week - 9		Advanced LaTeX mathematical formatting	
Week - 10		Open Science: Publishing reproducible code repositories	
Week - 11		Managing open data archives	
Week - 12		Understanding peer-review processes	
Week - 13		Navigating journal submission guidelines	
Week - 14		Final manuscript preparations	

Learning Outcomes

#	Learning Outcome
1	Synthesize comprehensive academic literature reviews
2	Generate dynamic documents via rigorous Quarto workflows

Learning Outcomes

#	Learning Outcome
3	Publish reproducible code repositories maintaining open science
4	Navigate complex peer-review processes and journal standards

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.