

YBS Course Prerequisite Table

Course Code	Course Title	Prerequisite	Prerequisite Course / Requirement
YBS 104	Programming and Data Science	BIL 131	Introduction to Programming and Data Analysis
YBS 201	Information Security and Cybersecurity Management	YBS 103	IT Infrastructures, Cloud Computing and Network Management
YBS 202	Analytical Decision Making and Optimization	İKT 253	Data Science and Statistics
YBS 302	Systems Analysis and Design	YBS 101	Introduction to Management Information Systems
YBS 303	Web and Mobile Application Development	YBS 104	Programming and Data Science
YBS 305	Machine Learning and Generative Artificial Intelligence	İKT 253, YBS 104	Data Science and Statistics; Programming and Data Science
YBS 402	Enterprise Data Governance and AI Platforms	YBS 102, YBS 104	Database Management; Programming and Data Science
YBS 404	Graduation Project	—	Completion of 85% of total ECTS
İŞL 361	Financial Management	İŞL 353	Financial and Cost Accounting
İŞL 384	Artificial Intelligence and Data Analytics in Businesses	İKT 253	Data Science and Statistics
İNG 002	English II	İNG 001	English I
İNG 003	English Writing Skills	İNG 002	English II
İNG 004	Presentation Skills in English	İNG 003	English Writing Skills
İYD 2	Second Foreign Language II	İYD 1	Second Foreign Language I
İYD 3	Second Foreign Language III	İYD 2	Second Foreign Language II
İYD 4	Second Foreign Language IV	İYD 3	Second Foreign Language III
OEG 200	Cooperative Education I	OEG 101	Introduction to Cooperative Education
OEG 300	Cooperative Education II	OEG 200	Cooperative Education I
OEG 400	Cooperative Education III	OEG 300	Cooperative Education II