



**Date Of Issue: 18/10/2017**

**Curriculum / Master**

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**Study Year : 2017-2018**

**Study Semester : First Semester**

**Major : Data Science**

**Plan Hours : 34**

**Plan Type : Comprehensive Exam / Master**

**Qualif Type : Master**

**Section : requirement division prerequisite**

**Section Hours : 25**

Course		Hours	Requisite		
No.	Title		No.	Name	Status
14711	Computational Statistics	3			
14721	Data Engineering	3			
14722	Data Mining	3			
14723	Big Data	3			
14724	Data Exploration and Visualization	3	14721	Data Engineering	Prerequisite
14731	Business Modeling for Data Science	3			
14732	Business Intelligence	3	14731	Business Modeling for Data Science	Prerequisite
14791	Research Methodology Seminar	1			
14792	Project	3			
14798	Comprehensive Exam	0			

**Section : optional division prerequisite**

**Section Hours : 9**

Course		Hours	Requisite		
No.	Title		No.	Name	Status
11714	Cloud Computing	3			
11740	Algorithms	3			
11753	Artificial Intelligence	3			
11757	Natural Language Processing	3			
14725	Web and Social Network Analysis	3			
14728	Mining Massive Datasets	3	14722	Data Mining	Prerequisite

			14723	Big Data	Prerequisite
14729	Selected Topics in Data Science	3			
14733	IT Project Management for Data Analysis	3			

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