

## Curriculum for the Master's Degree Data Science at the Fachhochschule Kiel

Ser. No.	Module-Number	Module		Credit-Points (LP)	Study-Volume SWS	Semester
<b>Compulsory Modules of the Course</b>						
1	MADS-DVVA	Data Visualization and Visual Analytics		5	4	1
2	MADS-TPDS	Tools and Programming Languages for Data Science		5	4	1
3	MADS-MMS	Mathematics and Multivariate Statistics		5	4	1
4	MADS-ML	Machine Learning		5	4	1
5	MADS-DM	Data Management		5	4	1
6	MADS-CC	Cloud Computing		5	4	1
7	MADS-SMA	Social Media Analytics		5	4	2
8	MADS-BDT	Big Data Technologies		5	4	2
9	MADS-DL	Deep Learning		5	4	2
10	MADS-AP	Application Project		10	8	2
<b>Elective Module<sup>2)</sup> according to § 3 Abs. 1 Satz 5 PVO</b>						
11	MADS-EM	Elective Module		5	4	2
			Sum:	60	48	
12	MADS-T	Thesis		25		3
13	MADS-C	Colloquium		5		3
			Sum:	90	48	

1) The form of examination for each module is regulated in the module handbook.

2) Elective modules as announced every semester.