

*If any of these courses is not available, an appropriate alternative will be jointly decided by the Programme Director at FEP–U.Porto and the programme Academic Director at SGH.

APPENDIX 4a
STUDY PLAN FOR SGH STUDENTS UNDER THIS AGREEMENT
General Track

1ST AND 2ND SEMESTER: September – July at SGH	ECTS
Training on Fundamentals of Intellectual Property	0
Library Training	0
Training on Occupational Health	0
History of Economic Thought	4,5
Business Law	4,5
Cloud Computing	3
Credit Scoring – business process automation	3
Cybersecurity	4,5
Duration analytics	3
Basic R Programming	1,5
Python Programming	3
Databases Build and Exploitation	3
Querying, Data Presentation, Data Visualisation and Reporting	3
Data Mining	3
Advanced Optimization Methods	6
Statistics Learning Methods	6
Big Data	3
Time Series Econometrics	6
Electives	min. 3
TOTAL	60
If one of the above courses is not offered, a suitable alternative will be defined between the programme director at FEP- UPORTO and the programme academic director at SGH.	
This set of courses units (total 60 ECTS) give recognition to 54 ECTS the 1st year of the Master in Data Analytics (the course unit Data Analysis is excluded), plus 6 ECTS in electives of the 2nd year 1st semester of the Master in Data Analytics. The course unit Data Analysis is taken during the 4th semester at FEP.	
3RD SEMESTER: September – February in Porto	
Seminars	6
Quantitative Case Studies	9
Plan for Dissertation / Work Project / Internship**	9
TOTAL	24
4th SEMESTER: February – June in Porto	
Data Analysis	6
Dissertation / Work Project / Internship**	30
TOTAL	36

**Students from SGH are required to take Plan for Dissertation and Dissertation at FEP