

**APPENDIX 4b**  
**STUDY PLAN FOR SGH STUDENTS UNDER THIS AGREEMENT**  
**European Master in Official Statistics – EMOS track**

<b>1<sup>ST</sup> AND 2<sup>ND</sup> SEMESTER: September – July at SGH</b>	<b>ECTS</b>
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
<b>TOTAL</b>	<b>60</b>
* These courses units (total 6 ECTS) give recognition to the course unit Seminar (6 ECTS) 2 <sup>nd</sup> year 1 <sup>st</sup> semester of the Master in Data Analytics	
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.	
<b>3<sup>RD</sup> SEMESTER: September – February in Porto</b>	
Business Cycle Analysis	3
Economic Statistics	3
Quantitative Case Studies	9
Plan for Dissertation / Work Project / Internship**	9
<b>TOTAL</b>	<b>24</b>
<b>4<sup>TH</sup> SEMESTER: February – June in Porto</b>	
Official Statistics Systems	6
Data Collection and Sampling	6
Dissertation / Work Project / Internship **	30
<b>TOTAL</b>	<b>42</b>
<b>TOTAL</b>	<b>66</b>

\*\* Students from SGH are required to take Plan for Dissertation and Dissertation at FEP . The Dissertation must be developed in an official statistics topic and includes a 8 weeks internships at an Official Statistics producer.