

Module	Submodule	Unit	Trajectory					Research cycle					Title	Description
			General	Phi personal	Phi	Meth	Meteo	Theory	Hypothesis	Exp.	Analysis	Conclusion			Synthesis
0			-	-	-	-	-	-	-	-	-	-	Introduction to the course	
0	0.1		.	.	.	.	.	.	.	.	.	.	Introduction to the course	
0	0.1	0.1.4	x										Your personal science checklist	
1			-	-	-	-	-	-	-	-	-	-	Know they tools	
1	1.1		.	.	.	.	.	.	.	.	.	.	Program	
1	1.2		.	.	.	.	.	.	.	.	.	.	Context and theory	
1	1.3		.	.	.	.	.	.	.	.	.	.	Hypothesis	
1	1.4		.	.	.	.	.	.	.	.	.	.	Experiment and analysis	
1	1.5		.	.	.	.	.	.	.	.	.	.	Conclusion	
1	1.6		.	.	.	.	.	.	.	.	.	.	Synthesis	
1	1.6	1.6.3	x									x	Extend your personal science checklist	
2			-	-	-	-	-	-	-	-	-	-	Everything has a cause	
2	2.1		.	.	.	.	.	.	.	.	.	.	Program	
2	2.3		.	.	.	.	.	.	.	.	.	.	Hypothesis	
2	2.4		.	.	.	.	.	.	.	.	.	.	Experiment analysis	
2	2.5		.	.	.	.	.	.	.	.	.	.	Conclusions	
2	2.6		.	.	.	.	.	.	.	.	.	.	Synthesis	
2	2.6	2.6.3	x									x	Extend your personal science checklist	
3			-	-	-	-	-	-	-	-	-	-	Trust, verify, falsify	
3	3.1		.	.	.	.	.	.	.	.	.	.	Program	
3	3.2		.	.	.	.	.	.	.	.	.	.	Theory	
3	3.3		.	.	.	.	.	.	.	.	.	.	Hypothesis	
3	3.4		.	.	.	.	.	.	.	.	.	.	Experimental and Analysis	
3	3.5		.	.	.	.	.	.	.	.	.	.	Conclusions	
3	3.6		.	.	.	.	.	.	.	.	.	.	Synthesis	
3	3.6	3.6.3	x									x	Extend your personal science checklist	
4			-	-	-	-	-	-	-	-	-	-	Scientific Progress is all about Asking Questions	
4	4.1		.	.	.	.	.	.	.	.	.	.	Program	
4	4.2		.	.	.	.	.	.	.	.	.	.	Theory	
4	4.3		.	.	.	.	.	.	.	.	.	.	Hypothesis	
4	4.4		.	.	.	.	.	.	.	.	.	.	Experiments and analysis	

4	4.5	.	.	.	.	.	.	.	.	.	.	.	Conclusions
4	4.6	.	.	.	.	.	.	.	.	.	.	.	Synthesis
4	4.6 4.6.3	x										x	Extend your personal science checklist
5		-	-	-	-	-	-	-	-	-	-	-	To plan or not to plan
5	5.1	.	.	.	.	.	.	.	.	.	.	.	Program
5	5.2	.	.	.	.	.	.	.	.	.	.	.	Writing your proposal
5	5.3	.	.	.	.	.	.	.	.	.	.	.	Receiving feedback
6		-	-	-	-	-	-	-	-	-	-	-	The proof of the pudding
6	6.1	.	.	.	.	.	.	.	.	.	.	.	Program
6	6.2	.	.	.	.	.	.	.	.	.	.	.	Performing your research
6	6.2 6.2.1	x				x	x	x	x	x	x	x	Reflect on questions related to your personal science checklist
6	6.2 6.2.2	x	x	x	x	x	x	x	x	x	x	x	Perform your research project
6	6.3	.	.	.	.	.	.	.	.	.	.	.	Receiving feedback
6	6.3 6.3.2	x	x	x	x	x	x	x	x	x	x	x	Finalize your report, including appendices on methodology and your checklist; and hand it in