

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	
1			-	-	-	-	-	-	-	-	-	-	-	Know they tools	
1	1.1		.	.	.	.	.	.	.	.	.	.	.	Program	
1	1.1	1.1.1	x		x	x	x							Introduction + learning objectives	
1	1.2		.	.	.	.	.	.	.	.	.	.	.	Context and theory	
1	1.2	1.2.3					x	x						Mixed layer budget equations intro	
1	1.2	1.2.3					x	x						Research methods used in meteorology	
1	1.2	1.2.4					x	x						Mixed layer budget equations and boundary layer height	
1	1.3		.	.	.	.	.	.	.	.	.	.	.	Hypothesis	
1	1.3	1.3.3					x	x						Research question to guide your first experiment	
1	1.4		.	.	.	.	.	.	.	.	.	.	.	Experiment and analysis	
1	1.4	1.4.3					x		x					Relation to the research question	
1	1.4	1.4.3					x		x					Setup of the experiment	
1	1.4	1.4.3					x			x				Analysis of the experiments	
1	1.4	1.4.3					x		x	x				Cycling between experiment and analysis	
1	1.4	1.4.3					x		x					Modified sensitivity experiment	
1	1.4	1.4.3					x			x				Analysis of the modified experiment	
1	1.4	1.4.3					x		x					Optional sensitivity experiments	
1	1.4	1.4.4					x		x					Observations needed fot model validation	
1	1.4	1.4.4					x		x					Setup of the experiment	
1	1.4	1.4.4					x			x				Analysis of the experiments	
1	1.4	1.4.4					x		x	x				Modifications to model setup based on observations	
1	1.5		.	.	.	.	.	.	.	.	.	.	.	Conclusion	
1	1.6		.	.	.	.	.	.	.	.	.	.	.	Synthesis	
2			-	-	-	-	-	-	-	-	-	-	-	Everything has a cause	
2	2.1		.	.	.	.	.	.	.	.	.	.	.	Program	
2	2.1	2.1.1	x		x	x	x							Introduction + learning objectives	
2	2.2	2.2.3					x	x						How are clouds formed?	
2	2.2	2.2.4					x	x						The effect of surface sensible heat flux and initial temperature jump on ...	
2	2.3		.	.	.	.	.	.	.	.	.	.	.	Hypothesis	

