Week	Start Date	Торіс	Session	Activity	Milestones
1	4 th March	Intro	1. Intro and outline	N/A	
			2. Tools of the trade: LaTeX	Your 1 st LaTeX doc.	
			3. Projects	Your 1 st LaTeX doc.	
2	11 th March	Tessellation	4. Tools of the trade: Matlab, Tessellation in nature	Hexagonal tessellation	Milestone 1
			5. Symmetry and tessellations: the language of patterns	Hexagonal tessellation (continued)	
			6. Irregular tilings	Conway's tiling	
3	18 th March	Periodicity	7. Periodicity, superposition of sinusoids	Create a plot	Milestone 2
			8. The (Fast) Fourier Transform (FFT)	FFT of a signal	
			9. FFT for analysis	FFT of a signal (cont.)	
4	25 th March	Continuum models	10. Diffusion processes and difference eqns	Difference equations	Milestone 3
			11. 2D diffusion and noise textures		
			12. Diffusion and smoothing	Noise	
5	1 st April	Discrete models	13. Random Walk	Project pointers	Milestone 4
			14. 2D Random Walks	Project pointers	
			15. Continuum limits of random walks	Project pointers	
6	8th April	Projects	16. Reaction Systems	Project pointers	
			17. Reaction-Diffusion Systems	Project pointers	
			18. Tools of the trade: Inkscape	Inkscape poster template	Submit project topics
			BREAK		
7	29 rd April	Complexity	Guest Lecture: Christian Huber (ACAD)	DNA models	
			19. Measuring success (simple stats)	Project pointers	
			20. Measuring success (Bonini)	Project pointers	
8	6 th May	Statistics	21. More patterns: Cellular automata	Apply golly	
			Project session	Project pointers	
			Project session	Project pointers	
9	13 th May	_			Draft poster due.
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			PURE		
10	20 th May	_			
		-	MATH		Final report 1 due.
11	27 th May	ст			
		1 C	EGMENT		Final posters due.
			1		
12	3 rd June		Poster presentations: time to be advised		
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13	10 th June		Extra week		Final report 2 due.