

SCBE152 Natural Science Illustration 3(1-4-4) Semester 2021-2

Wk	2023	Description	Class		Activities/Media	Instructors
	Fri 8-12 hr		Lec	Lab		
1	13 Jan (L2-001)	Pre-test / Introduction / Principles of scientific presentation using illustrations	4	0	<ul style="list-style-type: none"> ● Quiz ● lecture/PowerPoint ● Individual activity 	Sasivimon
2	20 Jan (L2-001)	Line, light & shade practicing / Specimen sketching (students prepare their own specimens) (Assignment #1)	0	4	<ul style="list-style-type: none"> ● Individual activity 	Sasivimon / Narongsak TA: Piriya
3	27 Jan (L2-001)	Scientific sketching (Assignment #2)	0	4	<ul style="list-style-type: none"> ● Individual activity 	
4	3 Feb (Siree)	Field sketching (Assignment #3)	0	4	<ul style="list-style-type: none"> ● Individual activity (Sireerukkhacharti Nature Park) 	
5	10 Feb (video)	Data searching for illustrating / Reference citation / Copyright Laws	1	0	<ul style="list-style-type: none"> ● lecture/PowerPoint ● Individual activity/Internet 	
6	17 Feb (L2-001)	Rendering with pen and ink (Assignment #4)	0	4	<ul style="list-style-type: none"> ● Individual activity 	Sasivimon / Narongsak TA: Piriya
7	24 Feb (L2-001)	Water color exercise (Assignment #5)	0	4	<ul style="list-style-type: none"> ● Individual activity 	
8	3 Mar (L2-001)	Rendering with water colors (Assignment #6)	0	4	<ul style="list-style-type: none"> ● Individual activity 	
		Midterm Exam Week: No Exam				
9	17 Mar (L2-001)	Principles of Scientific Photography	4	0	<ul style="list-style-type: none"> ● lecture/PowerPoint ● Individual activity/Internet 	Tom Stewart TA: Piriya
10	24 Mar 8-10 hr (L2-001)	Term project illustration Term project submission #1	0	1	<ul style="list-style-type: none"> ● Individual term project submission (in sketchbook - 10 min each) 	Sasivimon TA: Piriya
	24 Mar	Principles of Light & Electron Microscopes	3	0	<ul style="list-style-type: none"> ● lecture/PowerPoint 	Puey Ounjai TA: Piriya

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	Fri 8-12 hr		Lec	Lab		
	10-12 hr (video)					
11	31 Mar Siree)	Scientific Photography Outdoor	0	4	<ul style="list-style-type: none"> ● Individual activity/Internet ● lecture/PowerPoint (Sireerukkhacharti Nature Park) 	Tom Stewart TA: Piriya
12	7 Apr (SC3-xxx)	Scientific Photography in Laboratories	0	3	<ul style="list-style-type: none"> ● Individual activity ● Group activity/Internet 	Tom Stewart TA: Piriya
		Term project illustration Term project submission #2	1	0	<ul style="list-style-type: none"> ● Individual term project submission (in sketchbook - 10 min each) 	Sasivimon
	14 Apr	Songkran Holidays (no class)				
13	21 Apr (on-site at Phayathai) CNI & OBC	Visit Light & Electron Microscope Laboratory	0	4	<ul style="list-style-type: none"> ● Study tour Center of Nanoimaging (CNI) & Olympus Bioimaging Center (OBC) 	Puey Ounjai TA: Piriya
14	28 Apr (L2-001)	Final Term Project Submission	1	0	<ul style="list-style-type: none"> ● Individual term project submission (10 min each) 	Sasivimon
		Illustration editing using computer program	0	3	<ul style="list-style-type: none"> ● lecture/PowerPoint ● Individual activity 	Puey Ounjai TA: Piriya
		Final Exam	1	0	<ul style="list-style-type: none"> ● Written exam 	Sasivimon
15	15 May	Final Term Project File/Printed Submission <ul style="list-style-type: none"> ● Final Illustration.jpg ● Final Report.doc ● Card.psd ● Card.jpg ● Printed card 	0	6	<ul style="list-style-type: none"> ● Individual activity 	Sasivimon TA: Piriya
			15	45		