

SCBE151 Plants and Civilizations 3(2-2-5) Semester 2023-2

Wk	2024	Description	Class		Activities/Media	Instructors	Quiz/ Exercise	Attendance
	Fri 13.30- 17.30 hr		Lec	Lab				
1	12 Jan (SC2-340)	Introduction & Getting to Know Plants Plants in World Media	2	2	● Lecture: ppt/internet	SS, TA	5%	1%
2	19 Jan (SC2-340)	Where are they from? Native & Exotic Plants from around the World	2	2	● Lecture: ppt/internet	SS, TA	5%	1%
3	26 Jan (SC2-340)	Plants in the World Culture	2	2	● Lecture: ppt/internet	SS, TA	5%	1%
4	2 Feb (SC2-340)	Gardens of the World	2	2	● Lecture: ppt/internet	SS, TA	5%	1%
5	9 Feb (SC2-340)	Wood, Fibers and Papers Papyrus & mulberry papers	2	2	● Lecture: ppt/internet ● Equipment for paper making	SS, TA	5%	1%
6	16 Feb (SC2-340)	Dyes from plants Dyeing lab	2	2	● Lecture: ppt/internet ● Equipment for cloth dyeing	SS, TA	5%	1%
7	23 Feb (SC2-340)	Alien Plants, Biodiversity & Conservation	2	2	● Lecture: ppt/internet	SS, TA	5%	1%
8	1 Mar (Siree)	Medicinal Plants Used around the World Sireerukhachati Nature Park	2	2	● Lecture in the park	BB, TA	5%	1%
		Midterm Exam (No exam)						
9	15 Mar (SC3-304)	Plants in the Ancient Societies Pollen lab	2	2	● Lecture and lab at MDL ● Microscope	PP, TA	5%	1%
10	22 Mar (SC2-340)	Plants in Research	2	2	● Lecture: ppt/internet ● Lab visit	PK, TA	5%	1%
11	29 Mar (SC2-340)	Genetic Modified Plants: Friends or Foes?	2	2	● Lecture: ppt/internet ● Group discussion (PBL)	UV, TA	5%	1%
12	5 Apr (SC2-340)	Plants and Climate Change: Adaptation & Resilience	2	2	● Lecture: ppt/internet	WS, TA	5%	1%
13	12 Apr (SC2-340)	Sustainable Agriculture: Feeding the Future with Plants	2	2	● Lecture: ppt/internet ● Lab visit	WS, TA	5%	1%
	16 Apr	Songkran Festival						
14	19 Apr (SC2-340)	Agriculture in Space	2	2	● Lecture: ppt/internet	TT, TA	5%	1%
15	26 Apr (SC2-340)	Plants in the World Culture: Student Presentation & Cultural Feast	2	2	● PPT presentation ● cooking or demonstration ● cooking equipment by students	SS, TA	15%	1%
		Final Exam (no exam)						
		Total hours of the entire semester	30	30			85%	15%

Instructors

#	Abb.	Name	Affiliations	Emails
1	BB	Assist. Prof. Dr. Bhanubong Bongcheewin	Dept. of Pharmaceutical Botany, Fac. of Pharmacy, Mahidol University	bhanubong.boc@mahidol.ac.th
2	PK	Asst. Prof. Dr. Panida Kongsawadworakul	Dept. of Plant Science, Fac. of Science, Mahidol University	panida.kon@mahidol.edu
3	PP	Asst. Prof. Dr. Paramita Punwong	Fac. of Environmental Studies, Mahidol University	paramita.pun@mahidol.edu
4	SS	Asst. Prof. Dr. Sasivimon Swangpol	Dept. of Plant Science, Fac. of Science, Mahidol University	sasivimon.swa@mahidol.edu
5	TT	Dr. Tatpong Tulyananda	Bioinnovation and Bio-based Product Intelligence, Fac. of Science, Mahidol University	tatpong.tul@mahidol.edu
6	UV	Asst. Prof. Dr. Unchera Viboonjun	Dept. of Plant Science, Fac. of Science, Mahidol University	unchera.vib@mahidol.edu
7	WS	Asst. Prof. Dr. Wisuwat Songnuan	Dept. of Plant Science, Fac. of Science, Mahidol University	wisuwat.son@mahidol.edu
8	TA	Miss Piriya Hassa	Dept. of Plant Science, Fac. of Science, Mahidol University	piriya.haa@student.mahidol.edu