

DAILY SCHEDULE  
 ZOOLOGY 451-452 Invertebrate Zoology: June 17 - August 24, 1968  
 Oregon State University Marine Science Laboratory  
 J. S. Pearse and J. J. Gonor

Date	Day	Tide	P. D. Time	Lecture Schedule
June 17	Mon.			A. M. - Check-in & Registration. 1 PM - briefing on course & 1. Ore. Coastal Oceanog. - JYG
18	T.			8 AM - 2. Tides; 1 PM - 3. Waves & Beaches - JYG
19	W.			8 AM - 4. Intertidal Environment I; 1 PM - 5. " " II. - JYG
20	Th.			8 AM - 6. Intertidal Zonation on Rocky Shores I' 1 PM - 7. " " " " " II - JYG
21	F.	SUMMER SOLSTICE		8 AM. - 8. Metazoan Origins: Contemporary Notions on Phylogeny. - JYG
22.	S.	-0.2	5:21	9 AM - 9. Mesozoa; Briefing on next week's field work. - JSP
23	Su.	-0.5	6:03	
24	M.	-0.8	6:39	10. Porifera: Nature, Functional Morphology, Hydrodynamics. -JYG
25	T.	-1.0	7:15	11. Coelenterata I. Radiate tissue organization. - JSP
26	W.	-1.1	7:57	12. Coelenterata II. - JSP
27	Th.	-1.1	8:27	13. Coelenterata III. - JSP
28	F.	-1.0	9:03	14. Ctenophora. - JSP
29	S.	-0.8	9:39	15. Triploblastic Bilateria, Origins, Relations, Mesoderm. - JYG
30	Su.	-0.5	10:11	

Date	Day	Tide	Time	Lecture Schedule
July 1	M.	-0.1	10:51	16. Turbellarian Structure, Acoelomate Locomotion. - JIG
2	T.	+0.4	11:33	17. Biology of Platyhelminths and Nemertinea. - JSP
3	W.			18. Coelomes & Pseudocoeloms: Origins & Functions. - JIG
4	Th.	Viva La Independencia!		HOLIDAY
5	F.			19. Life on Unconsolidated Shores. - JSP
6	S.	-0.4	4:03	20. Lower Proterostome Phyla: Aschelminth groups. - JSP
7	Su.	-1.2	4:57	Research Projects must be selected by 15 July.
8	M.	-1.7	5:55	21. Aschelminths II & Entoprocta. - JSP
9	T.	-2.0	6:39	22. Spiral cleavage: Determinate, Mosaic Development. - JIG
10	W.	-2.1	7:27	(Full Moon). 23. Spiralia; Non-metameric Coelomates: Sipunculida, Echiuroidea; Poecobius - JIG
11	Th.	-2.0	8:09	24. Metameric Coelomates: Annelida-Polychaeta. - JIG
12	F.	-1.6	8:57	25. Ecology of Estuaries & Mud & Sand Flats. - JSP
13	S.	-1.1	9:39	26. Arthropoda I. Origin, Body Conditions, Tagmosis. - JSP
14	Su.	-0.4	10:15	BASTILLE DAY      Vive La France!
15	M.	0.3	10:57	EXAM I.      Intertidal Ecology; Lower Invertebrates.
16	T.	1.0	11:33	27. Arthropoda II. Mandibulata. - JSP
17	W.			28. Arthropoda III. Chelicerata. - JSP
18	Th.			29. Arthropoda IV. - JSP

Date	Day	Tide	Time	Lecture Schedule
July 19	F.			30. Mollusca I. - JJG
20	S.			Reserved for catch-up lecture.
21	Su.			
22	M.	-0.3	5:39	31. Mollusca II. - JJG
23	T.	-0.6	6:15	32. Mollusca III. - JJG
24	W.	-0.8	6:58	33. Mollusca IV. - JJG
25	Th.	-1.0	7:27	34. The third stream: Lophophorates - Brachiopoda, Phoronidea, Ectoprocta. - JJG
26	F.	-1.0	8:30	35. Subtidal Benthic Communities: Composition & Ecology. - JJG
27	S.	-0.8	8:33	36. The Deuterostome Line; Chaetognatha. - JSP
28	Su.	-0.5	9:09	
29	M.	-0.1	9:39	EXAM. II.
30	T.	0.5	10:09	37. Pogonophora; Stomochordata. -JSP
31	W.	1.1	10:51	38. Stomochordata; Prochordata. -JSP
Aug. 1	Th.			39. Echinodermata I. - JSP
2	F.			40. Echinodermata II. - JSP
3	S.			41. Echinodermata III. - JSP
4	Su.	-0.5	3:45	42. Summary: Body Plan in Oligomeric Phyla. - JJG
5	M.	-1.0	4:45	43. Comparative Invertebrate Embryology. - JJG
6	T.	-1.4	5:39	44. Biology of Reproduction & Marine Larvae. - JSP
7	W.	-1.5	6:27	45. Adaptations to Planktonic Life in the Sea. - JJG

Date	Day	Tide	Time	Lecture Schedule
Aug. 8	Th.	-1.5	7:09	Reserved for catch-up lecture.
9	F.	-1.2	7:51	Reserved for catch-up lecture.
10	S.	-0.8	8:27	(Full Moon). Reserved for student project work.
11	Su.	-0.2	9:03	
12	M.	-0.5	9:33	Reserved - student project work.
13	T.			" " " "
14	W.			" " " "
15	Th.			" " " "
16	F.			" " " "
17	S.			" " " "
18	Su.			
19	M.			EXAM. III.
20	T.	-0.1	5:09	Reserved for project work.
21	W.	-0.4	5:45	" " "
22	Th.	-0.6	6:27	" " "
23	F.	-0.7	6:57	" " "
24	S.	-0.5	7:27	Student Project Oral Reports. Presence of all hands mandatory. Written reports due before departure.