**Course Schedule**

**SCID301 System Ecology and Disease emergence 3(3-0-6)**

Date: 16 March – 21 May 2021

Mon Tue Time: 9:00-12:00 /

Course coordinator: Lect. Dr.Niwat Kangwanrangsan, Ph.D.

Tel: 02-201-5550 Email: niwat.kan@mahidol.edu

Room: Online

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| **Class** | **DATE** | **TIME** | **TOPIC** | | | |  | **INSTRUCTOR** | |
| 1 | Tue 16 Mar | 09.00-12.00 | L1 – Ecology and population | | | |  | NK | |
| 2 | Mon 22 Mar | 09.00-12.00 | L2 – Population & disease transmission | | | |  | NK | |
| 3 | Tue 23 Mar | 09.00-12.00 | L3 – Climate change and environmental problems | | | |  | NK | |
| 4 | Mon 29 Mar | 09.00-12.00 | L4 – Emerging and Re-emerging diseases | | | |  | TT | |
| 5 | Tue 30 Mar | 09.00-12.00 | L5 – Epidemics (past, present, and future) | | | |  | YN | |
| 6 | Mon 5 Apr | 09.00-12.00 | L6 – Epidemiology in social community | | | |  | XX (NK เชิญสอน) | |
| 7 | Tue 20 Apr | 09.00-12.00 | L7 – Basic vector control | | | |  | RE (NK เชิญสอน) | |
| 8 | Mon 26 Apr | 09.00-12.00 | L8 – Biological control of infectious diseases | | | |  | SW (YN เชิญสอน) | |
| 9 | Tue 27 Apr | 09.00-12.00 | L9 – Vaccine development for emerging diseases | | | |  | XX (TT เชิญสอน) | |
| 9 | Mon 3 May | 09.00-12.00 | L10 – Presentation on disease control | | | |  | NK, TT, YN | |
| 11 | Mon 10 May | 09.00-12.00 | L11 – Research on vector control | | | |  | PS (NK เชิญสอน) | |
| 12  13 | Thu 20 May  Fri 21 May | 09.00-16.00  09.00-16.00 | L12-13 – Research on vector control (Lab visit I)  L14-15 – Research on vector control (Lab visit II) | | | |  | PS (NK เชิญสอน)  PS (NK เชิญสอน) | |
|  |  | 45 hr |  |  |  |  | | |

**Staffs:**

1. NK – Dr. Niwat Kangwanrangsan (Course coordinator – Email: niwat.kan@mahidol.edu)
2. TT – Dr. Tana Taechalertpaisarn
3. YN – Dr. Yaowarin Nakornpakdee
4. SW – Prof.Dr.Surasakdi Wongratacheewin

**Assignment**

**Presentation**

**Scientist:** Piya Kosai