

Course Syllabus for Natural Products (SCBE256)

Credit: 3(2-3-5)
Lecture Time: Tuesdays 13:00-15.00 o'clock (SC1-157)
Lecturer: Pahol Kosiyachinda
Google class code: hembgyo

| Week | Date | Topic |
|------|-----------|---|
| 1 | 19 Jan | Orientation |
| 2 | 26 Jan | Commercial natural products from microorganisms |
| 3 | 2 Feb | Commercial natural products from plants |
| 4 | 9 Feb | Commercial natural products from animals |
| 5 | 16 Feb | Perception and uses of fragrances and flavors |
| 6 | 23 Feb | Raw materials |
| 7 | 9 Mar | Extraction and formulation |
| 8 | 16 Mar | Midterm Examination |
| 9 | 23 Mar | Products of therapeutic purposes |
| 10 | 30 Mar | Products of medicinal purposes |
| 11 | 20 Apr | Natural identical products |
| 12 | 27 Apr | Quality assessment and quality control |
| 13 | 11-21 May | Final Examination |

Evaluation

| TQF | Evaluation Method | Week | Proportion |
|-----|--|---|------------|
| 1 | - Participation/Activities - Attendance/Attention | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 | 30 % |
| 2 | - Laboratory | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 | 30% |
| 3 | - Midterm Examination | 1, 2, 3, 4, 5, 6, 7, | 20 % |
| 4 | - Final Examination | 9, 10, 11, 12, 13 | 20 % |

Course Syllabus for Natural Products (SCBE256)

Credit: 3(2-3-5)
Laboratory Time: Tuesdays 15:00-18:00 o'clock (SC3-300)
Lecturer: Dr. Pahol Kosiyachinda
Laboratory technician: Ms. Krissana Parkpoomkamol
Google class code: hembgyo

| Date | Topic |
|-----------|---|
| 19 Jan | Orientation |
| 26 Jan | Commercial natural products from microorganisms |
| 2 Feb | Commercial natural products from plants |
| 9 Feb | Commercial natural products from animals |
| 16 Feb | Perception and uses of fragrances and flavors |
| 23 Feb | Raw materials |
| 9 Mar | Extraction and formulation |
| 16 Mar | Midterm Examination |
| 23 Mar | Products of therapeutic purposes |
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| 20 Apr | Natural identical products |
| 27 Apr | Quality control |
| 11-21 May | Final Examination |

Grading:

| | | | | | | | | |
|------------------|------|-------|-------|-------|-------|-------|-------|--------|
| Total percentage | 0-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-100 |
| Grade | F | D | D+ | C | C+ | B | B+ | A |
| Grade | U | S | | | | | O | |