

HERBAL CONSTITUENTS

Interactive Distance Learning Course

TOPICS AND DATES

FIRST SEMESTER		
Semester / Week	Webinar Date	Topics
1/1	Sept 13, 2018	Course Orientation Introduction to Herbal Constituents in Botanical Medicine The Colors of Vitality
1/2	Sept 20	The Foundations of Phytochemistry I
1/3	Sept 27	The Foundations of Phytochemistry II
1/4	Oct 4	Synergy and Medicinal Plant Constituents
1/5	Oct 11	Variability of Constituents in Botanicals
1/6	Oct 18	Polarity, Solubility, and Extractions I
1/7	Oct 25	Polarity, Solubility, and Extractions II
1/8	Nov 1	Polarity, Solubility, and Extractions III
1/9	Nov 8	Organization & Solubility of Herbal Constituents
1/10	Nov 15	Carbohydrate Constituents & their Health Effects
---	Nov 22	No Webinar – Thanksgiving Break

1/11	Nov 29	Lipids and Derivatives in Foods and Herbs
1/12	Dec 6	Amino Acid Derivatives in Medicinal Foods and Herbs
MID-TERM EXAM – to be completed by Dec. 31, 2018		
SECOND SEMESTER		
2/1	Jan 3	The Polyphenols (Phenolic Compounds) I
2/2	Jan 10	The Polyphenols (Phenolic Compounds) II
2/3	Jan 17	The Polyphenols (Phenolic Compounds) III
2/4	Jan 24	The Terpenoids I
2/5	Jan 31	The Terpenoids II
2/6	Feb 7	The Terpenoids III & Terpenoid Saponins
2/7	Feb 14	Steroidal Constituents and Saponins
---	Feb 21	Early Spring Break – No Class
2/8	Feb 28	Alkaloids in Medicinal Plants I
2/9	Mar 7	Alkaloids in Medicinal Plants II
2/10	Mar 14	Safety & Toxicology of Herbal Constituents in Practice
2/11	Mar 21	Constituents & Product Formulation
2/12	Mar 28	Final Exam Preparation and Review
Thursday, April 4, 2019: Final Exam		