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| Module code | SB-2401 | | |
| Module Title | Plants and People | | |
| Degree/Diploma | Undergraduate GenNEXT Bachelor degree | | |
| Type of Module | Breadth | | |
| Modular Credits | 4 | Total student Workload | 8 hours/week |
| | | Contact hours | 4 hours/week |
| Prerequisite | None | | |
| Anti-requisite | SB-4316 Economic Botany | | |
| Aims | | | |
| This module will provide the students with an overview of plant use by people. The aim is to make students realize the importance of plants in our daily life and society as a whole. | | | |
| Learning Outcomes | | | |
| <i>On successful completion of this module, a student will be expected to be able to:</i> | | | |
| Lower order : | 10% | <ul style="list-style-type: none"> - Describe how taxonomy works - Describe the origin and history of agriculture - Describe the major plant structures and adaptations - Describe the major plant products, their uses and processing techniques - Describe plant nursery techniques and plantations | |
| Middle order : | 10% | <ul style="list-style-type: none"> - Explain the trajectory from plant to product - Explain the importance of plant breeding for increased production - Explain the importance of plant products for everyday life of people | |
| Higher order: | 80% | <ul style="list-style-type: none"> - Predict the results of loss of wild relatives of existing plant crops - Use taxonomy to search for new plant products - Design cropping systems that minimize environmental damage - Apply knowledge and know how to select plants for home gardens | |
| Module Contents | | | |
| <ul style="list-style-type: none"> - The diversity of plants, their taxonomy and classification - Plant morphology and physiology - The history of plant breeding and agriculture - The use of plants and their derivatives - Plant product processing techniques - Plant nursery techniques and plantations - Sustainable use of plants in the future | | | |
| Assessment | Formative assessment | Tutorial assignments and feedback | |
| | Summative assessment | Examination: 0% Coursework: 100% -2 practical reports (30%) -1 group presentation (20%) -1 group mini-project (20%) -2 class tests (30%) | |