

Programme	BS Botany	Course Code	Bot-116L	Credit Hours	1
Course Title	Biodiversity and Conservation (Lab)				
Lab Course Contents					
<ul style="list-style-type: none"> • Study the causes of local species extinction • Data collection and preparation of an inventory of the flora of a given region • To carry out base line study of any designated category of protected areas • Collection of some Invasive species and study of their characteristics • Study of evidence regarding value of species and extinction of species. • Study on threatened and endangered wild-life of Pakistan. • Field excursion 					
Textbooks and Reading Material					
<ol style="list-style-type: none"> 1. Baldauf, C. (2020). <i>Participatory Biodiversity Conservation: Concepts, Experiences, and Perspectives</i>. Springer Publishers. ISBN: 978-3-030-41686-7. 2. Dar, G.H., Khuroo, A.A. (2020). <i>Biodiversity of the Himalaya: Jammu and Kashmir State</i>. Springer Publishers. ISBN 978-981-329-174-4. 3. Holl, K.D. (2020). <i>Primer of Ecological Restoration</i>. Island Press. ISBN: 9781610919722. 4. Prach, K., Walker, L.R. (2020). <i>Comparative Plant Succession among Terrestrial Biomes of the World</i>. Cambridge University Press. ISBN: 9781108561167. 5. Wang, Y. <i>Terrestrial Ecosystems and Biodiversity (2nd Ed.)</i>. CRC Press – Taylor & Francis Group. ISBN: 9781138333918. 					
Teaching Learning Strategies					
<ul style="list-style-type: none"> • Assignments / Seminars Workshops • Laboratory work • Lectures • Visits to different biotechnology laboratories 					
Assignments: Types and Number with Calendar					
<ul style="list-style-type: none"> • Lecture-based quiz (both objective and subjective) • Brief and detailed assignments • Class tests • Group activities 					
