



DEPARTMENT OF BOTANY

Tentative Course Plan

Class: Bs (Botany)

Semester-6th

Session: Fall (2017-2021)

Instructor	Sadia Sarwar	Email: botanist_iub18@yahoo.com
Course Title	Research Methodology	Program BS
Course Number	BOTA-01606	Credit Hours 1(1+1)

Lecture day: period (00:00a.m to00: 00p.m), Room# 00

Course Objective:

Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability. Research methodology is a systematic way to solve a problem. It is a science of studying how research is to be carried out. Essentially, the procedures by which researchers go about their work of describing, explaining and predicting phenomena are called research methodology. It is also defined as the study of methods by which knowledge is gained. Its aim is to give the work plan of research.

Methods of Teaching

- Assigned readings
- Group activities & Discussion
- Audiovisual aids lectures
- Web-assisted instruction
- Student-Directed Teaching

Resource Material

1. Text Books

- Flick, U. 2011. Introducing Research Methadology. Blackwell publisher.
- Frances, C. D. 2010. Evaluating Reaearch Methadology. SAGE Publishers.

2.Reference Books

i

ii

iii

iv

v

vi

vii

viii

ix

x

xi

xii

xiii

xiv

xv

xvi

xvii

xviii

xix

xx

xxi

xxii

xxiii

xxiv

xxv

xxvi

xxvii

xxviii

xxix

xxx

xxxi

xxxii

xxxiii

xxxiv

xxxv

xxxvi

xxxvii

xxxviii

xxxix

xl

xli

xlii

xliii

xliiii

xlv

xlvi

xlvii

xlviii

xlviii

xlix

l

li

lii

liii

liiii

lv

lvi

lvii

lviii

lviii

lix

lx

lxi

lxii

lxiii

lxiiii

lxv

lxvi

lxvii

lxviii

lxviii

lxix

lxx

lxxi

lxxii

lxxiii

lxxiiii

lxxv

lxxvi

lxxvii

lxxviii

lxxviii

lxxix

lxxx

lxxxi

lxxxii

lxxxiii

lxxxiiii

lxxxv

lxxxvi

lxxxvii

lxxxviii

lxxxviii

lxxxix

lxxxx

lxxxxi

lxxxxii

lxxxxiii

lxxxxiiii

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

lxxxxix

lxxxxx

lxxxxxi

lxxxxxii

lxxxxxiii

lxxxxxiv

lxxxxv

lxxxxvi

lxxxxvii

lxxxxviii

lxxxxviii

9	Measurements (surveys, qualitative, unobtrusive).		
10	Research design (experimental and quasi—experimental).		
11	Data analysis. Writing research paper.		
12	The major theoretical and philosophical underpinnings of research.		
13	The idea of validity in research; reliability of measures and ethics. .		
14	Presentation relating to the subject.		
17	Formulating research proposal and submission.		
Final Term Exam			

Student Evaluation criteria:

Attendance	5%
Workshop / Assignments/Case study	5%
Surprise Test/Sudden Test , Quizzes	5%
Class Participation	5%
Mid Term Paper	30%
Final Term paper	50%
Total	100%

Student Responsibilities:

Students must attend class. Failure to attend class may result in failure in the course. Students must also arrive on time and remain in class for the entire period. Cellular Phones and Beeper must be Turned off (Proper classroom decorum [behavior] adopts, Course outlines and calendars explain requirements and assignments, students are responsible for knowing what they say. Students are also responsible for doing all assigned work on time. Excessive absences (more than 03) will result in “F Grade”. Students may prepare Sketchbook for taking notes and for references.

Instructor / Tutor

Approved by:

Chairman