Part IV: Exhibits

Exhibit 3.2-1 Course syllabus

Course Syllabus
RB 501 Research Methods in Behavioral Science
Behavioral Science Research Institute
Semester 1, Academic Year 2018

Course ID: RB 501
Course Name: Research Methods in Behavioral Science
Course Coordinator: Asst. Prof. Kanchana.Pattrawiwat

Instructors:

No.	Name-Surname	E-mail address
1	Asst .Prof .Dr.Kanchana Pattrawiwat	kanchana.Pattrawiwat@gmail.com
2	Asst .Prof .Dr .Thasuk Junprasert	thasukbsri@gmail.com

Credits: 3(2-2-5)
Program: Master Program in Applied Behavioral Science Research
Type of course: Core course (Category: Methodology)
Semester Offering: Semester 1
Prerequisite: None

Course Description:

Behavioral science research works to discern the methods used to understand, explain, and predict individual and societal behavior, by studying all the research processes. This begins from the identification of behavioral science research questions to the dissemination of research results, selection of appropriate research methods, and critical discussion of research strengths and weaknesses comprising quantitative and qualitative researches; ethics and research ethics and practice construction of standard behavioral science research frameworks.

Course Learning Outcomes (CLOs):

1. Be able to remember and understand the concept and process of research
2. Be able to analyze and criticize research work in behavioral science
3. To enhance student's attitude toward on conducting research in behavioral science and research utility for social problems.
3. Be able to communicate research knowledge by using appropriate and clearly language, including using IT for presentation
4. To facilitate students to comprehend and apply research ethics in their academic work

Constructive Alignment of CLOs and Program's ELO:

CLOs	ELO1	ELO2	ELO3	ELO4	ELO5
1	✓				
2			✓		
3				✓	
4			✓		✓

Course Schedule:

DATE	TOPIC	TEACHING METHOD	Lecture
1	Course introduction 1. Definition and scope of Behavioral Science	Lecture and class discussion	Dr.Kanchana Dr.Thasuk
2-3	2. Methods to Acquire knowledge: Scientific methods 3. Knowledge about Research Behavioral Science: Definition, Process, Type of research, Benefit of research result, Literature review	Lecture, class discussion , case study presentation	Dr.Thasuk
4-7	4. Process of research 4.1 Writing the research problem -Background -Significant of research -Scope of research -Definition and hypothesis -Conceptual framework	Lecture, class discussion , case study presentation	Dr.Thasuk Dr.Kanchana
8-11	4.2 Methodology -Research design -Population and sample -Research instrument -Data analysis	Lecture and class discussion	Dr.Kanchana Dr.Thasuk
12-13	Using SPSS to analyze data	Lecture, class discussion, practice	Dr.Kanchana
14-15	4.3 Research result -Writing research result -Writing conclusion and discussion -Writing recommendation	Lecture, class discussion, presentation	Dr.Kanchana Dr.Thasuk

DATE	TOPIC	TEACHING METHOD	Lecture
	5 .Report writing 6 .Proposal writing 7 .Research publication		
16-17	Presentation, Lesson summary, After Action Review	Class discussion	Dr.Kanchana Dr.Thasuk
18	Final		

*Note: The schedule is flexible and subject to change (to adjust for any public holiday or any special event)

Student Evaluation:

Activities	Learning Outcomes	Evaluation Methods	Marks
Class attendance/ participation in class activities	Ethics, cognitive skills and communication skills	Class observation and class discussion	10%
	Knowledge	Test	
	Interpersonal relationship and responsibility	Assigned work and class participation.	
Final test	cognitive skills and communication skills	Test	30%
Group & Individual assignments	Ethics, cognitive skills, interpersonal relationship and communication skills	Report and presentation in class	40%)Individual report 30%(Group report 10%(
Assignment	Ethics, cognitive skills,	Assigned work	20%
Total			**100%**

Appeal Procedure:

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/ or the course coordinator immediately either by direct contact, telephone or email.

Course Syllabus
RB 502 Construction and Development of Measuring Instrument in Behavioral Science
Behavioral Science Research Institute
Semester 1, Academic Year 2018

Course ID: RB 502
Course Name: Construction and Development of Measuring Instrument in Behavioral Science
Course Coordinator: Asst. Prof. Dr. Saran Pimthong

Instructors:

No.	Name-Surname	E-mail address
1	Assoc. Prof. Dr. Oraphin Choochom	oraphin@g.swu.ac.th
2	Asst. Prof. Dr. Saran Pimthong	saranpimthong@gmail.com
3	Asst. Prof. Dr. Kanchana Pattrawiwat	Kanchana.pattrawiwat@gmail.com
4	Dr. Jennifer Chawanowanich	jennifer@g.swu.ac.th

Credits: 3
Program: Master Program in Applied Behavioral Science Research
Type of course: Core course (Category: Methodology)
Semester Offering: Semester 1
Prerequisite: None

Course Description:

Study and practice of the principles of measurement based on the classical and modern test theories; construction and validation of measuring instruments in behavioral science design measurement, question items/statements, item analysis, testing, revision, validation, writing the construction and development of measuring instruments using other methods in the collection and interpretation of data.

Course Learning Outcomes (CLOs):

1. To enable the students to create and develop behavioral science variables measurement.
2. To enable the students to test quality of research instrument.
3. To develop the students' communication skills about measuring results and ability to transfer this knowledge to other people.
4. To encourage students to ethically create, develop and use behavioral science measuring instrument.
5. To enhance the students' information and technology skills for searching knowledge about creating and developing behavioral science measuring instrument.

Constructive Alignment of CLOs and Program's ELO:

CLOs	ELO1	ELO2	ELO3	ELO4	ELO5
1	✓	✓	✓		
2			✓		
3	✓		✓		
4					
5					

Course Schedule:

Date	Topic	Teaching Method	Lecture
1 12/1/19	Introduce content, objective, evaluation of subject and evaluate students 'need on this content	Class discussion	Asst. Prof. Dr. Saran
2-3 19, 26/1/19	Principle of creating, using and interpreting data from test)instrument for cognitive measurement(	Lecture, class discussion, case study	Asst. Prof. Dr. Jennifer
4-5 2,9/2/19	Principle of creating, using and interpreting data from questionnaire)Emotion, Feeling, Attitude and Personality instrument(	Lecture, class discussion, case study	Asst. Prof. Dr. Jennifer
6-7 16, 23/2/19	Principle of creating, using and interpreting data from interview guide and observation guide)instrument for behavior measurement(	Lecture, class discussion, case study	Asst. Prof. Dr. Saran
8 2/3/19	Students discussion about interested variables and group and individual measuring instrument	Class discussion, self study, group discussion	Asst. Prof. Dr. Saran
9 9/3/19	Item analysis according to Classical Test Theory	Lecture and workshop	Asst. Prof. Dr. Saran
10 16/3/19	Reliability of measuring instrument	Lecture and workshop	Asst. Prof. Dr. Saran

Date	Topic	Teaching Method	Lecture
11 23/3/19	Validity of measurement and factor analysis	Lecture and workshop	Assoc. Prof. Dr.Oraphin
12 30/3/19	Norm	Lecture and workshop	Assoc. Prof. Dr.Oraphin
13 20/4/19	Using SPSS for quality analysis of measuring instrument	Lecture and workshop	Asst. Prof. Dr. Kanchana
14 27/4/19	Item analysis according to Item Response Theory	Lecture and workshop	Asst. Prof. Dr. Kanchana
15 4/5/19	Group presentation	Discussion and learning reflection	Instructors and Students
16 11/5/19	Course summary and learning reflection	Learning exchange	Instructors and Students
17 18/5/19	Final examination		

*Note: The schedule is flexible and subject to change (to adjust for any public holiday or any special event)

Student Evaluation:

Activities	Learning Outcomes	Evaluation Methods	Marks
Class attendance/ participation in class activities	Ethics Interpersonal relationship and responsibility	Class observation class discussion Assigned work and class participation.	10%
Group assignments in creating measuring instruments	Ethics Knowledge Cognitive skills Interpersonal relationship and responsibility Mathematic analysis, communication and ICT skills	Assigned work Students ’presentation Class participation	30%
Individual assignments in creating behavioral instrument database	Knowledge Cognitive skills	Assigned work	10%

Activities	Learning Outcomes	Evaluation Methods	Marks
	Mathematic analysis, communication and ICT skills		
Individual assignments in item analysis :reliability and programming usage	Knowledge Cognitive skills Mathematic analysis, communication and ICT skills	Assigned work	20%
Final examination	Knowledge Cognitive skills	Test	30%
Total			**100%**

Knowledge Management:

During the course, students will be asked to share their work online with their teacher and peers using forums online and other sources.

Appeal Procedure:

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/or the course coordinator immediately either by direct contact, telephone or email.

Course Syllabus
RB 504 Fundamental Research and Academic English Skills
Behavioral Science Research Institute
Semester 1, Academic Year 2018

Course ID: RB 504
Course Name: Fundamental Research and Academic English Skills
Course Coordinator: Asst. Prof. Dr. Kanu Priya Mohan

Instructors:

No.	Name-Surname	E-mail address
1	Asst. Prof. Dr. Kanu Priya Mohan	kanum@g.swu.ac.th
2	Asst. Prof. Dr. Polthep Poonpol	p.poonpol@gmail.com

Credits: 3 (2-2-5)
Program: Master Program in Applied Behavioral Science Research
Type of course: Elective course
Semester Offering: Semester 1
Prerequisite: None

Course Description:

An introduction to essential research skills, including the basics of research ethics. A focus on critical reading skills for reviewing research papers in behavioral science. Analyzing and synthesizing the information to identify a research problem, and developing your own research topic. Build research writing skills by integrating the information from reviewed literature, and understanding the formal vs. informal styles of writing. Practice communication skills for academic development.

Course Learning Outcomes (CLOs):

1. To understand the fundamentals of research skills and academic English for contemporary research in the behavioral sciences.
2. To enable the students to read and research online database, as well as analyze and synthesize academic research works in English.
3. To demonstrate the ability to distinguish between formal and informal styles, and apply into their academic writing in English.
4. To facilitate students to comprehend and apply research ethics in their academic work, as they identify and build their own research problems.
5. To enhance interpersonal skills while communicating in English for academic purposes through class based activities including academic writing, oral presentations using IT, and multimedia.

Constructive Alignment of CLOs and Program's ELO:

CLOs	ELO1	ELO2	ELO3	ELO4	ELO5
1	✓				
2	✓	✓			
3	✓	✓		✓	
4	✓	✓		✓	
5				✓	✓

Course Schedule:

DATE	TOPIC	TEACHING METHOD	Lecture
1 18/8/18	Introduction; Needs assessment of the students	Ice breaking activity	Dr. Kanu Dr. Polthep
2 25/8/18	Setting up SMART goals for self-development. Daily journals using online media	Class discussion, & Individual work	Dr. Kanu
3 1/9/18	Introduction to essential research skills.	Lecture and class discussion	Dr. Kanu
4 8/9/18	Critical reading skills for research: making notes. Introduction to Mind Maps.	Lecture and Workshop method	Dr. Kanu
5 15/9/18	Reading and analyzing research works	Lecture; group & individual work	Dr. Polthep
6 22/9/18	Online research sources.	Workshop and Class discussion	Dr. Polthep
7 29/9/18	Ethics in Research. Importance of summarizing, paraphrasing, quotations and referencing work.	Lecture and Class activities	Dr. Kanu
8 6/10/18	Identifying research problem- group work	Lecture, Individual review	Dr. Kanu
9 20/10/18	Building a research problem- individual	Lecture and class work	Dr. Kanu

DATE	TOPIC	TEACHING METHOD	Lecture
10 27/10/18	Research writing styles; Formal vs. informal styles.	Lecture, Workshop	Dr. Kanu
11 3/11/18	Practice academic writing in the classroom.	Lecture and individual work	Dr. Kanu & Students
12 10/11/18	Basics of academic communication, including presenting academic work.	Lecture and class work	Dr. Kanu
13 17/11/18	Students' individual presentations of research problem.	Students' presentation)Instructor & students' feedbacks(	Instructors and Students
14 24/11/18	Students' group presentations of research problem.	Group presentation)Instructor & Group Feedback(	Instructors and Students
15 1/12/18	Individual review of the learning process; Setting up individual strategy for future research success.	One to one activity in class	Instructors and Students
16 6/12/18	Class feedback & Final Course Assessment	Group and Individual activity	Instructors and Students

*Note: The schedule is flexible and subject to change (to adjust for any public holiday or any special event)

Student Evaluation:

Activities	Learning Outcomes	Evaluation Methods	Marks
Class attendance/ participation in class activities	Ethics, cognitive skills and communication skills	Class observation and class discussion	30%
	Interpersonal relationship and responsibility	Assigned work and class participation.	
Group assignments in English)written works, group presentations and group work(	Ethics, cognitive skills and, interpersonal skills using English in research communication.	Assigned work	40%

Activities	Learning Outcomes	Evaluation Methods	Marks
Individual assignments in English)review & written works, and presentation(	Ethics, cognitive skills and communication skills	Assigned work	30%
Total			**100%**

Knowledge Management:

During the course, students will be asked to share their work online with their teacher and peers using forums online and other sources.

Appeal Procedure:

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/or the course coordinator immediately either by direct contact, telephone or email.

Course Syllabus
RB 541 Social Foundations of Human Behavior
Behavioral Science Research Institute
Semester 1, Academic Year 2018

Course ID: RB 541
Course Name: Social Foundations of Human Behavior
Course Coordinator: Asst. Prof. Dr. Narisara Peungposop

Instructors:

No.	Name-Surname	E-mail address
1	Asst. Prof. Dr. Narisara Peungposop	Narisarap24@gmail.com
2	Asst. Prof. Dr. Thasuk Junprasert	Thasukbsri@gmail.com
3	Dr.Sudarat Tuntivivat	Juntuntivivat@gmail.com
4	Asst. Prof. Dr.Piyada Sombatwattana	Piyada@g.swu.ac.th
5	Dr.Pichayanee Poonpol	A.pitchayanee@gmail.com
6	Assoc.Prof. Dr.Ungsinun Intarakamhang	Ungsinun@gmail.com

Credits: 3 (3-0-6)
Program: Master Program in Applied Behavioral Science Research
Type of course: Core course (Category: Content in Behavioral Science)
Semester Offering: Semester 1
Prerequisite: None

Course Description:

Concepts, theories, and social research on human behaviors and theories, and application for behavioral science research.

Course Learning Outcomes (CLOs):

1. Be able to know and understand about core concept of social sciences such as sociology, anthropology, political sciences, other field in social sciences.
2. Be able to analyze and apply the foundation of social concept/theory to explain human behavior.
3. Be able to use communication skills (Language, Teaching, and IT) while seminar and research criticize.
4. Be responsible and moral during in class and realize research ethics.

Constructive Alignment of CLOs and Program's ELO:

CLOs	ELO1	ELO2	ELO3	ELO4	ELO5
1	✓				
2	✓	✓			
3			✓		
4					

Course Schedule:

DATE	TOPIC	TEACHING METHOD	Lecture
1	Pre-test, course introduction, Review research ethics	-Before Action Review Pre-test	Dr. Narisara
2	The importance of theory in behavioral science research	-Think Pair Share -AAR	Dr. Narisara
3-4	Human behavior analysis based on sociology perspective	-Lecture -Class discussion -Seminar -AAR	Dr. Thasuk Dr. Narisara
5-6	Human behavior analysis based on anthropology perspective	-Lecture -Class discussion -Seminar -AAR	Invited instructor Dr. Narisara
7-8	Human behavior analysis based on political science perspective	-Lecture -Class discussion -Seminar -AAR	Dr. Sudarat Dr. Narisara
9	Mid-term Exam		
10-11	Human behavior analysis based on economics perspective	-Lecture -Class discussion -Seminar -AAR	Dr. Piyada Dr. Narisara
12-13	Human behavior analysis based on health psychology perspective	-Lecturer -Class discussion -Seminar -AAR	Dr. Ungsinun Dr. Narisara

DATE	TOPIC	TEACHING METHOD	Lecture
14-15	Human behavior analysis based on communication and arts perspective	-Lecture -Class discussion -Seminar -AAR	Dr. Pichayanee Dr. Narisara
16	Integration various perspective to analyze human behavior	-Lecture -Class discussion -Seminar -AAR	Instructors
17	Final Exam		

*Note: The schedule is flexible and subject to change (to adjust for any public holiday or any special event)

Student Evaluation:

Activities	Learning Outcomes	Evaluation Methods	Marks
Class attendance/ participation in class activities	Ethics, ,knowledge, cognitive skills, interpersonal skills, and communication skills	Class observation and class discussion	20%
	Interpersonal relationship and responsibility	Assigned work and class participation	
Exam)Mid-term and Final(	knowledge cognitive skills and, communication skills	Assigned work	60%
Individual assignment)content summary(	Ethics, ,knowledge, cognitive skills, interpersonal skills, and communication skills	Assigned work	10%
Group assignment)seminar(	Ethics, ,knowledge, cognitive skills, interpersonal skills, and communication skills	Class observation and class discussion	10%
Total			**100%**

Appeal Procedure:

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/ or the course coordinator immediately either by direct contact, telephone or email.

Course Syllabus
RB 803 Research Practicum
Behavioral Science Research Institute
Semester 1, Academic Year 2018

Course ID: RB 803
Course Name: Research Practicum
Course Coordinator: Assoc. Prof. Dr. Ungsinun Intarakamhang

Instructors:

No.	Name-Surname	E-mail address
1	Assoc. Prof. Dr.Ungsinun	Ungsinun@gmail.com
2	Asst. Prof. Dr.Saran Pimthong	Saranpimthong@gmail.com
3	Asst. Prof. Dr.Piyada Sombatwattana	Piyada@g.swu.ac.th

Credits: 3(3-0-6)
Program: Master Program in Applied Behavioral Science Research
Type of course: Core course (Category: Practicum)
Semester Offering: Semester 1
Prerequisite: None

Course Description:

Research problem; applications of multi-disciplinary behavioral science knowledge, to synthesize, analyze, and construct research projects towards quality of life development in individual and social; the research practicum at either stage of the research process at individual level, group research project or participate in research project with senior researchers, the ethical principles for research in humans as proposed in the Declaration of Helsinki.

Course Learning Outcomes (CLOs):

1. Be able to analyze, synthesize, and apply knowledge related to behavioral science for proposal development.
2. To enhance student to have self-directed learning (in and out class) and experiential learning by searching research according to student's interesting
3. To enhance student's attitude toward on conducting research in behavioral science and research utility for social problems.
3. To develop communication skills (Language, Teaching, IT) through searching and presentation their proposal.
4. To facilitate students to comprehend and apply research ethics in their academic work, as they identify and build their own research problems.

Constructive Alignment of CLOs and Program's ELO:

CLOs	ELO1	ELO2	ELO3	ELO4	ELO5
1	✓	✓	✓	✓	
2	✓	✓	✓	✓	
3					✓
4			✓		✓

Course Schedule:

DATE	TOPIC	TEACHING METHOD	Lecture
1	1 .Course introduction 2 .Research topic 3. Pre-test	-Lecture -Class discussion - Pre-test)iRAT, TBL(	Instructors
2-3	-Review how to analyze and synthesize research results -Practice -Data base searching	-Lecture - Class discussion - Think Pair Share - Cooperative learning	Instructors
4-5	Progress report "analyze and synthesize research results"	- Coaching and mentoring	Instructors
6	Pre-Proposal Presentation	Presentation	Instructors
7	Review research design and statistic selection	- Lecture - Class discussion	Instructors
8	Review literature review, research instrument, validation of the instrument	- Lecture - Class discussion	Instructors
9	Research proposal writing	- Lecture - Class discussion	Instructors
10	Proposal presentation	Presentation	Instructors
11	Mid-term exam)Submit pre-proposal to curriculum committee(	Presentation	Instructors Curriculum committee
12-13	Practicum -Data collection	Self-study	Instructors

DATE	TOPIC	TEACHING METHOD	Lecture
	-Data analysis -Discussion		
14-16	Proposal presentation	- Presentation - Class discussion	Instructors

*Note: The schedule is flexible and subject to change (to adjust for any public holiday or any special event)

Student Evaluation:

Activities	Learning Outcomes	Evaluation Methods	Marks
Class attendance/ participation in class activities	Ethics, cognitive skills and communication skills	Class observation and class discussion	20%
	Knowledge	Test	
	Interpersonal relationship and responsibility	Assigned work and class participation.	
Final test	cognitive skills and communication skills	Test	40%
Group & Individual assignments	Ethics, cognitive skills, interpersonal relationship and communication skills	Report and presentation in class	20%
Assignment	Ethics, cognitive skills, interpersonal relationship and communication skills	Assigned work	20%
Total			**100%**

Appeal Procedure:

Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/or the course coordinator immediately either by direct contact, telephone or email.