BIOST 540
Spring Quarter 2016
Dr. Heagerty
March 29, 2016

BIOST 540
LONGITUDINAL AND MULTILEVEL DATA ANALYSIS
SPRING 2016

PREREQUISITES:	BIOST/EPI 536; BIOSTAT 518; or permission
HOURS:	Lecture: Tuesday 1:30pm-2:50pm, HSB T-747 Lecture: Tuesday 1:30pm-2:50pm, HSB T-747
INSTRUCTOR:	Patrick Heagerty, PhD Professor Department of Biostatistics F-665 HSB; 206-616-2720 e-mail: heagerty@u.washington.edu
OFFICE HOURS:	Tuesday 3:30-5:00pm
OPTIONAL TEXTS:	Diggle, Heagerty, Liang & Zeger: Analysis of Longitudinal Data Second Edition, Oxford Univ. Press, 2002. Fitzmaurice, Laird & Ware: Applied Longitudinal Analysis Wiley, 2004. Lecture notes available on the course web page.
COMPUTER:	We will be using STATA, R, and SAS
SOFTWARE:	Personal copies of STATA are available for UW Health Sciences faculty, students, and staff via

the STATA web site at:
http://www.stata.com/info/order/new/edu/gradplans/gp3-order.html

R is a free package
SAS is available on select university computers

CLASS: Homework exercises and course information will be available on the class website

WEBSITE:
http://faculty.washington.edu/heagerty/Courses/b540

DISABILITY: If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, 543-8924 (V/TDD). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present the letter to me so that we can discuss the accommodations you might need for class.

COURSEWORK: Discussion Assignments (approx. weekly)
Midterm Exam (take-home)
Final Exam (take-home)

GRADING: Numerical class grades will be based on the midterm exam (50%) and the final exam (50%). In addition, weekly homework questions will be asked with the goal of developing some case-studies based on your participation.