



Topic/ Subtopic	Learning Strategies /Activities	Week/ Meeting
Multivariate Normal Distribution and its Properties Hotelling's T Distribution and its Properties Diagnostics and Assumption Checking	Problem Set Computer Lab Exercises	

2.

Topic/ Subtopic	Learning Strategies /Activities	Week/ Meeting
Final Output		Hours

**TEACHING STRATEGIES/METHODOLOGY**

Lecture  
 Report  
 SAS Exercises

**REQUIREMENTS OF THE COURSE**

Examinations Reports  
 SAS outputs with discussions  
 Learning Output critique of a paper

**TEXTBOOKS**

- Everitt Brian and Hothorn Brian An Introduction to Applied Multivariate Analysis with R electronic resource New York NY Springer New York
- Fichet Bernard Piccolo Domenico Verde Rosanna and Vichi Maurizio Classification and Multivariate Analysis for Complex Data Structures electronic resource Berlin Heidelberg Springer Berlin Heidelberg
- Grisso Robert J and Ki John J Effect Sizes for Research Univariate and Multivariate Applications New York Routledge

- StatSoft Inc Electronic Statistics Textbook Tulsa OK StatSoft <http://www.statsoft.com/textbook>
- Lock R Resources in teaching Statistics from [http://it.stlawu.edu/~rlock/tise\\_onepage.html](http://it.stlawu.edu/~rlock/tise_onepage.html)

## FACULTY OUTPUT

Janairo Jose Isagani B Co Fru encio F Carandang VI Jose Santos R and A alin Divina M  
 Sequence dependent cluster analysis of bio mineralization peptides *Zeitschrift Fur Naturforschung C (A Journal of Biosciences)* c pp ISSN

Palisoc Shirley T Natividad Michelle T Co Fru encio F and Kaw Kevin Anthony Y Morphological thickness and electrochemical analyses of spin coated Ru/NH Nafion films *Optoelectronics And Advanced Materials – Rapid Communications* Vol No July August p

Abolencia Jesper L Quijita Jr Ananias G Leong Robert Neil F and Co Fru encio F Ordinal Regression Analyses of Breastfeeding Duration in the Philippines *International Journal of Philippine Science and Technology*, 8(1), 22-26.

Angkiko, Lorraine Christelle B., Diaz, Priscilla A., Robert Neil F., and Co, Frumencio F. (2014). Biosurveillance of Measles using Control Charts: A Case Study using National Capital Region Laboratory Confirmed Measles Counts from January 2009 to January 2014. *The Philippine Statistician*, 63(2), 31-49.

Chan, Lailani D., Putong, Ilene Renee L., and Co, Frumencio F. (2014). Analysis of an SEIRS Compartmental Model for Tuberculosis in Quezon City from 2007 to 2011. *The DLSU Mathematics Inbox*, 1(2), 67-79.

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Noted by



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