



UBC Fisheries Centre

PROGRAMMING IN VISUAL BASIC

April 8-11, 2002, 9am-4pm

*With special
reference to
Fisheries Science*

*Expand your options for data
analysis and modeling problems*

*An introduction to programming
for graduate students and others*

Fee: \$850 (\$100 UBC students), plus 7% GST
free to UBC Fisheries Centre Students and associates

TOPICS

- ✓ **Using Visual Basic for Applications (VBA)**
 - Building your own functions to use in spreadsheets.
 - Working with arrays and vectors.
 - Subroutines and basic models for fisheries stock assessment.
 - Non-linear parameter estimation and likelihood profiling.
 - Monte Carlo methods in spreadsheets.
- ✓ **Using Visual Basic to Build Applications**
 - Documenting programs and using pseudocode.
 - Declaring local and global variables, objects.
 - Using consistent naming conventions.
 - Reading and writing data files.
 - Building applications and compiling executables
 - Building multi-species population models
 - Debugging Projects

INSTRUCTOR

Steve Martell, Ph.D. Candidate, UBC Fisheries Centre

TO REGISTER CONTACT:

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Bring with you:

- a notebook computer with Microsoft Excel (office 97 or newer) & Visual Basic 5.0 or 6.0
- a sense of humour (and donuts for Steve)