

Ge 193 Tectonics of New Zealand. *3 units (1-0-2), first term.* Prerequisite: permission of instructors. A weekly meeting to discuss the current knowledge and major unanswered questions about the tectonics of the New Zealand region, with specific focus on the Pacific-Australia plate boundary and surrounding continental and oceanic deformation. Reading assignments (journal articles) will cover plate kinematics and dynamics, results of recent large-scale geophysical surveys both onshore and offshore, and relevant information obtained from seismicity and drill holes. Instructors: Stock and Gurnis.