

**COURSES (via Zoom)**

<b>1</b>	<p><b>How Geology Rocks Everyday Life</b> <i>Marcos Zentilli</i> Tuesdays, 10:00 am - 12:00 pm, Feb 1 - Mar 8</p> <p>Beyond the natural fascination for dinosaurs and volcanos, both important aspects of the field of geology, this course follows my very personal attraction to geology: as for a hammer everything looks like a nail, I see geology everywhere.</p> <p>Geology is at the base of the environment, it governed the evolution of life, landscape, and climate, and it impacts most human affairs: natural and environmental disasters (earthquakes, landslides, erosion), mineral and energy resource distribution, and thus politics. From the Stone Age to space exploration, humans have relied on the Earth for survival, from safe drinking water, cave dwellings to marble cathedrals and skyscrapers, from construction materials, metals for weapons, agricultural tools and means of transportation, through brass musical instruments, cellphones to the salt for your eggs in the morning. To put it simply, if it can't be grown it has to be mined, and the geological history determines where.</p>
<b>2</b>	<p><b>Let's Talk About Dementia or Where Did I Put My Keys?</b> <i>Barbara Ross</i> Wednesdays, 10:00 am - 11:30 am, Feb 2 - Mar 9</p> <p>Have you ever walked into a room and forgot why you were there? Or forgotten a name or even a word no matter how hard you try but somehow remember 5 minutes later? Memory lapses can be frustrating, but most of the time they aren't a cause for concern. Age-related memory changes are not the same thing as dementia. The start of the course will take a "deep dive" into what is normal aging and what is not. In the following weeks we will go on to identify the different types of dementia, the experience of people living with dementia, a caregivers guide to managing dementia behaviour, the risks and how to prevent the onset of dementia and finally, the current treatment and promising research. Henry Ford reminds us that "Anyone who stops learning is old, whether at twenty or eighty. Anyone who keeps learning stays young. The greatest thing in life is to keep your mind young.</p>

**SENIORS' COLLEGE  
ASSOCIATION OF NOVA SCOTIA**

**WINTER 2022**

The concern of SCANS has always been the health and safety of our members. The increasing large number of COVID cases and the presence of the highly transmissible Omicron variant with ensuing public health restrictions have resulted in our pivoting from in-person to virtual classes for the winter term.

**COURSE INFORMATION SESSION**  
January 13 (Thursday), 10:00 am  
Zoom session

**COURSE REGISTRATION**  
Online at <https://www.theSCANS.org>



QR code for online course descriptions and instructor biographies.

## COURSES (via Zoom)

### 3 Six Questions

**Norman Pereira**

Thursdays, 10:00 am - 12:00 am, Jan 27 - Mar 10; [No class on Feb 10]

Week 1: What is Right/Wrong with the Biden Presidency?

Week 2: Who is Putin and What Does He Want?

Week 3: What Happened to Liberal Education at our Universities?

Week 4: What is Islamophobia?

Week 5: What is the Difference between Anti-Semitism and Anti-Zionism?

Week 6: Are President Xi Jinping [习近平] and His Policies Bringing China to World Dominance or Disaster?

### 4 How Insects Conquered the Earth

**Paul Manning**

Fridays, 1:30 pm - 3:30 pm, Feb 4 - Mar 11

Insects are a highly diverse group of organisms that can be found in all terrestrial ecosystems. They play a wide variety of crucial ecological roles that collectively support life as we know it. In this course, we will explore the various qualities of insects that underpin their success, and discuss the various ways that insects shape the world we live in.

Week 1: What are insects, and why are they so successful? [General Introduction]

Week 2: What kind of insect is this? [An Introduction to Identifying Insects]

Week 3: How do insects do what they do? [Basic Physiology]

Week 4: What makes an insect a pest? [Pest Science & Ecology]

Week 5: How do insects support healthy ecosystems? [Ecosystem Services]

Week 6: Insect Armageddon? [Insect declines and the future of insect conservation]



## SENIORS' COLLEGE ASSOCIATION OF NOVA SCOTIA

**WINTER 2022  
Course Program**

Continue your life-long learning by joining the Seniors' College Association (SCANS), a registered non-profit organization providing affordable non-credit academic courses to seniors (50+) in Nova Scotia.

Membership entitles you to enrol in any number of courses offered per year. Membership can be started at any time and is valid for three consecutive terms. The annual fee is \$150 + HST (total \$172.50).

### CONTACT

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