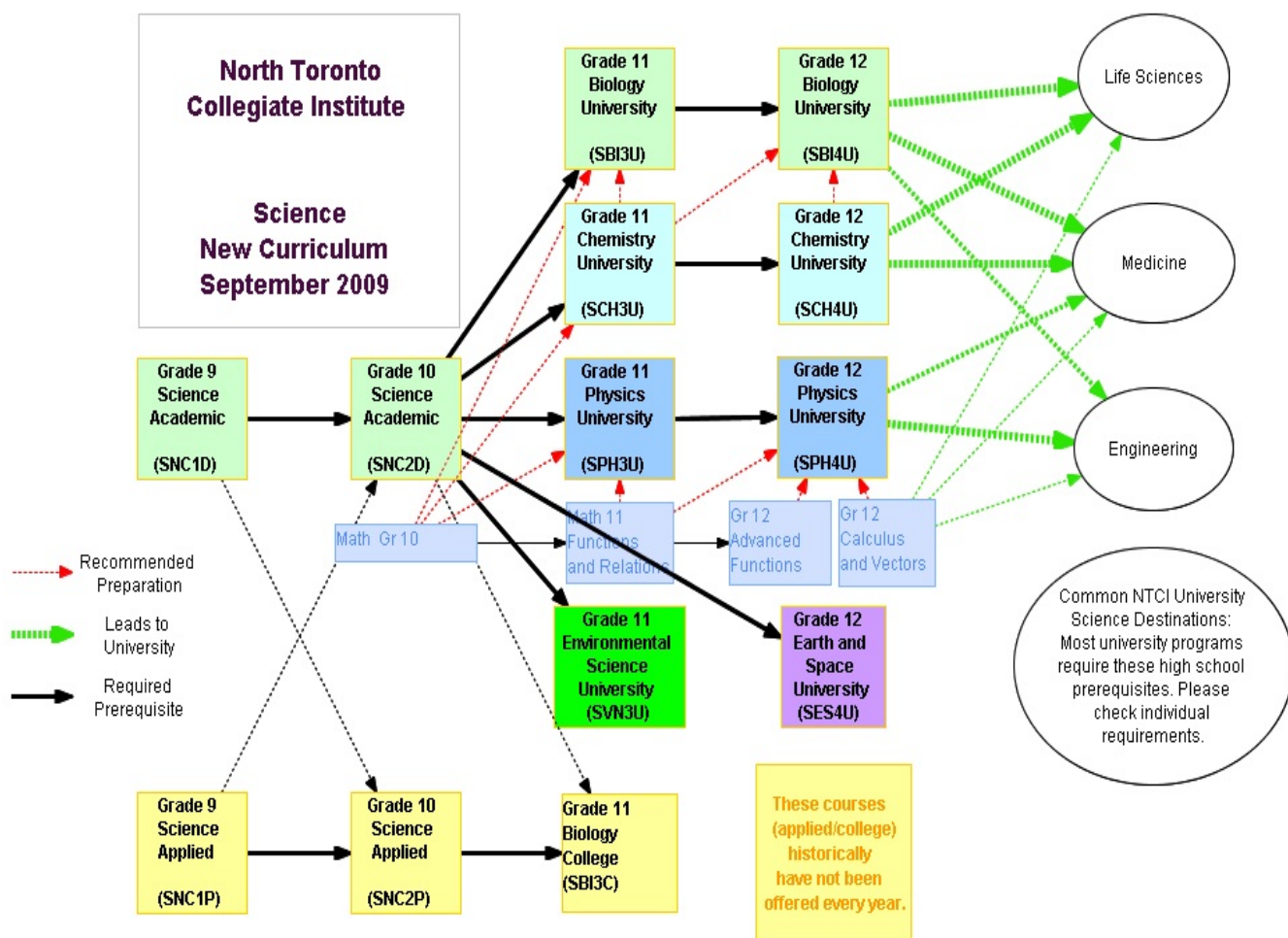


Science, Grade 9, Academic SNC1D

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.
 Prerequisite: None

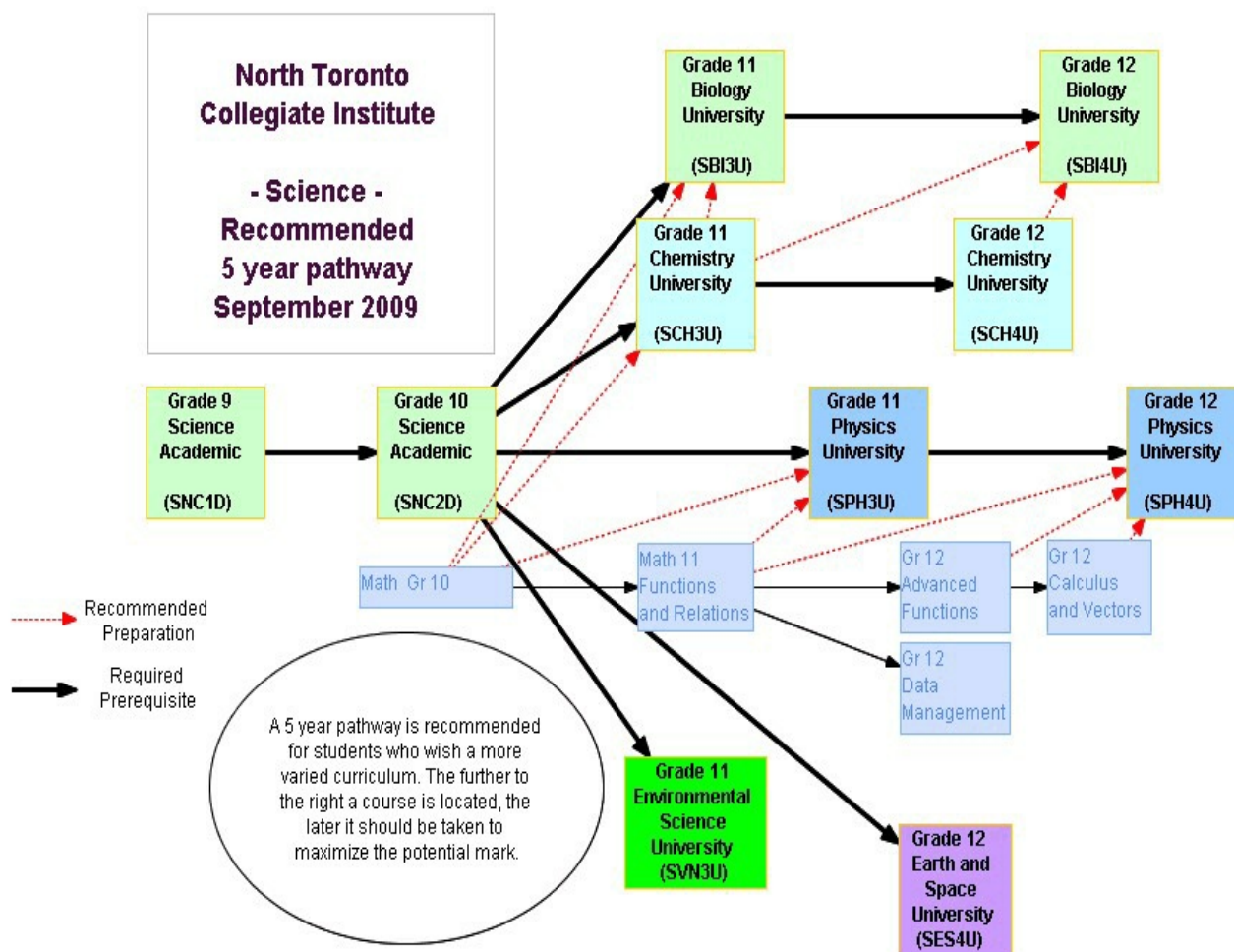


<http://ntci.on.ca/departments/science/science%202009.png>

Science, Grade 9, Applied SNC1P

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.
 Prerequisite: None

Thirty Five in Five



<http://ntci.on.ca/departments/science/NTsci-5-year.png>

Before 2003, Ontario high school students completed 5 years of high school allowing students to investigate a broader range of interests. Currently students take 30 credits, 8 in each of grade 9 and 10, then at least 14 more in grades 11 and 12. There are a variety of reasons to take 5 years and it is always worth while considering this as an alternative.

Grade 9 Science:

Topics: Chemistry, Biology (ecology), Physics (electricity), Earth and Space Science (Astronomy)

Text: *ON Science*, McGraw-Hill - also available as an on-line text book.

The NTCI Science Department consists of 3 basic areas of study as follows:

Biology Department

Mr. Bellamy (9,11,12)
Mr. Pidgeon (10,11,12)
Ms. Rowland (11)
Mr. Roche (10,11)
Ms. Tam (9,10,11)

Chemistry Department

Ms. Johnson (9,11,12)^{ac1}
Ms. Markovski (10,11,12)
Mr. O'Connell (9,10,11)

Physics Department

M. Kinoshita (10,11,12)^{ac1}
R. Mildon (9,11,12)

ac1 - assistant curriculum leader