### Decision Making Tree for Physics & Astronomy Courses

**Possible science major?**
- **Yes/Maybe**
  - **1st 5 weeks**
    - Courses are split into 5 weeks
    - **Strong HS math/physics background?**
      - **No**
        - **Phys 131**
          - Newtonian Mechanics
          - (Fall, Winter, Spring)
        - **or**
          - **Phys 132**
            - Gravity and the Earth
            - (Spring)
        - Of particular interest for geology majors.
      - **Yes**
        - **Phys 131**
          - Newtonian Mechanics
          - (Fall, Winter, Spring)
        - **or**
          - **Phys 132**
            - Gravity and the Earth
            - (Spring)

    - **2nd 5 weeks**
      - (While at Carleton, you may choose to take several of these courses for credit.)
      - **Thinking of a physics major?**
        - **Yes/ Maybe**
          - **Phys 151**
            - Relativity and Particles
            - (Fall, Winter, Spring)
          - **or**
            - **Phys 152**
              - Environmental Physics
              - (Spring)
        - **or**
          - **Phys 153**
            - Fluids and Waves
            - (Fall)
          - Of particular interest for geology majors.
        - **Pre-med**
          - **Phys 165 Intro to Electricity, Magnetism, and Optics.**
          - (Only offered winter term.)
        - **Chem/Bio**
          - **or**
          - **Geology/ ENTS**

    - **Still thinking about a physics major?**
      - If you are a first-year student, the next required course is Phys 228 Atomic and Nuclear Physics in the fall of sophomore year. You might want to consider the 1 credit Phys 123 What Physicists Do in spring term.

    - **Still thinking about being pre-med?**
      - You need an additional 10 weeks of physics. Suggested courses: Phys 165 Intro to Electricity, Magnetism, and Optics. (Only offered winter term.)

    - **Change your mind, and want to major in physics?**
      - You will need to take Phys 151. You can still be a physics major even if you don’t take Phys 151 until your sophomore year. Talk to a physics faculty member for more information.