

# Vision Science Club

## Sessions Overview

**Vision Science** is the scientific study of vision.

Through a series of entertaining and educational workshops, based on practical hands-on experiences, this course is designed to give an appreciation of how Vision and Science work together, contributing to everyday applications, through the medium of Photography/Imaging.

Vision Science encompasses all studies of vision, such as how human and non-human organisms process visual information, how conscious visual perception works in humans, how to exploit visual perception for effective communication, and how artificial systems can do the same tasks.

Breakdown of Sessions for the Vision Science Workshops:

### Sessions 1 and 2: Visual Perception

**Learning opportunities include:**

- Color Vision
- Computer Vision
- Depth Perception
- The Eye Vs The Camera

### Sessions 3 and 4: Visual Systems

**Learning opportunities include:**

- Colour Constancy
- Visual Illusion
- Optical Illusion
- Visual Processing
- Visual Cortex

## Sessions 5 and 6: Visual Therapy

**Learning opportunities include:**

- Eye Exercises
- Visual Acuity
- Visual Processing
- Visual Learning
- Vision Development