

UNIVERSAL UNDERSTANDING
A Framework for Understanding our Universe

One Fundamental Universal Constituent

Energy/Consciousness

Two Fundamental Opposite Directions

Creative (Toward order, structure and life)
Destructive (Toward disorder, stasis and entropy)

Four Paired-Opposite Fundamental Elements*

Energy/Matter
Space/Time
Information/Structure
Consciousness/Awareness

(* The four paired-opposite elements may be viewed as distinct elements but are actually all aspects of a single element)

Four Fundamental Forces*

Electromagnetism (electricity, magnetism and light)
Gravity
Strong Nuclear (binding atomic nuclei)
Weak Nuclear (causing radioactive decay)

(* The four forces may be three, two or just one.)

Eight Fundamental Behaviors

- 1) **Self-Organization** (Complexity) - emergent properties of energy/matter which create order, form and structure in the Universe
- 2) **Evolution** - change in natural systems and organisms over time in the direction of lower to higher order and lesser to more advanced consciousness.
- 3) **Entropy** - breakdown in form, structure and order resulting from decreasing external energy or the running down of a biological process
- 4) **Direction** - time has direction (from the past to future), evolution has direction (from simple to complex), etc.

- 5) **Motion** - motion is a universal constant (energy is always in motion)
- 6) **Dynamic Balance** - the interplay of opposite energy systems
- 7) **Chaos**- the apparent randomness or unpredictability factor in natural systems where a small initial change can be greatly magnified in the result
- 8) **Information Exchange** - information is continually being exchanged within and generations, i.e., genes and memes

Ten Fundamental Universal Principles

- 1) Everything is Energy
- 2) Everything Evolves
- 3) Everything is Distinct
- 4) Everything is Connected
- 5) Everything Matter is Energy
- 6) Everything Matter is the same
- 7) Everything is in Relationship with Everything Else
- 8) Everything exists within Dynamically Balanced Opposite Systems
- 9) Everything exchanges Information between and within Generations
- 10) Everything Energy remains at a constant level since the origin of the Universe

c David Woolfson 1998
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