	Physics = mathematical descriptions of the inanimate world
	- empirical: lested by experiment
	Adams.
	- foundational: Physics
	Chemistry Engineering
	- foundational: Physics Antronomy Chemistry Engineering Biology
	- Universal: 10 ⁻¹⁵ m → 10 ²² m (sire probn) (size Universe)
	(size moken) (size Universe)
	(1) (a / 100) (1) (1) (1) (1) (1) (1) (1
	femilio seconds 10-15 s) - age of Universe
	femilioseconds (10-15s) -> age of Universe (5 × 10° yes
	•
	- limitations: no ethics, no aesthetics
1	

- II -

Units: all physics measurements have units
5I/MKS system: Time: seconds, s
BASIC Mass: kilogram, kg
Temperature: Kelvin; K Electrical current; Ampère, A 2 PHYS 108 Luminous intensity: Candela, cd
Luminous intensity: candela, cd
Derived units: inch = 2.54 cm = 0.0254 m
Power: Watt = kg m²
AccelarMation: Velocity = Length Time
Power: Watt = leg m ² S3 Length fine AccelarMation: Velocity = Time Time Time - Length = m (Time) ² s ²
Force = Man x Acceleration:
kg. m = Newston, N