Population –

Community –

Population Ecology –

Compare the major population characteristics?

What factors influence population size and

how do they relate to one another?

 Limiting Resources –

 Carrying Capacity –

Growth Rate –

Intrinsic Growth Rate –

Exponential Growth Model –

J-Shaped Curve –

Logistic Growth Model –

 S-Shaped Curve –

Overshoot –

Die-off –

K – Selected Species –

R – Selected Species –

Survivorship Curves –

Community Ecology –

Explain the four major species interactions:

 Competitive Exclusion Principle -

 Resource Partitioning -

 True Predators –

 Herbivores –

 Parasites –

 Pathogens –

 Parasitoids –

 Symbiotic –

Keystone Species –

 Predator-Mediated Competition –

 Ecosystem Engineers –

Ecological Succession –

 Primary Succession –

 Secondary Succession –

 Pioneer Species –

 Theory of Island Biogeography –