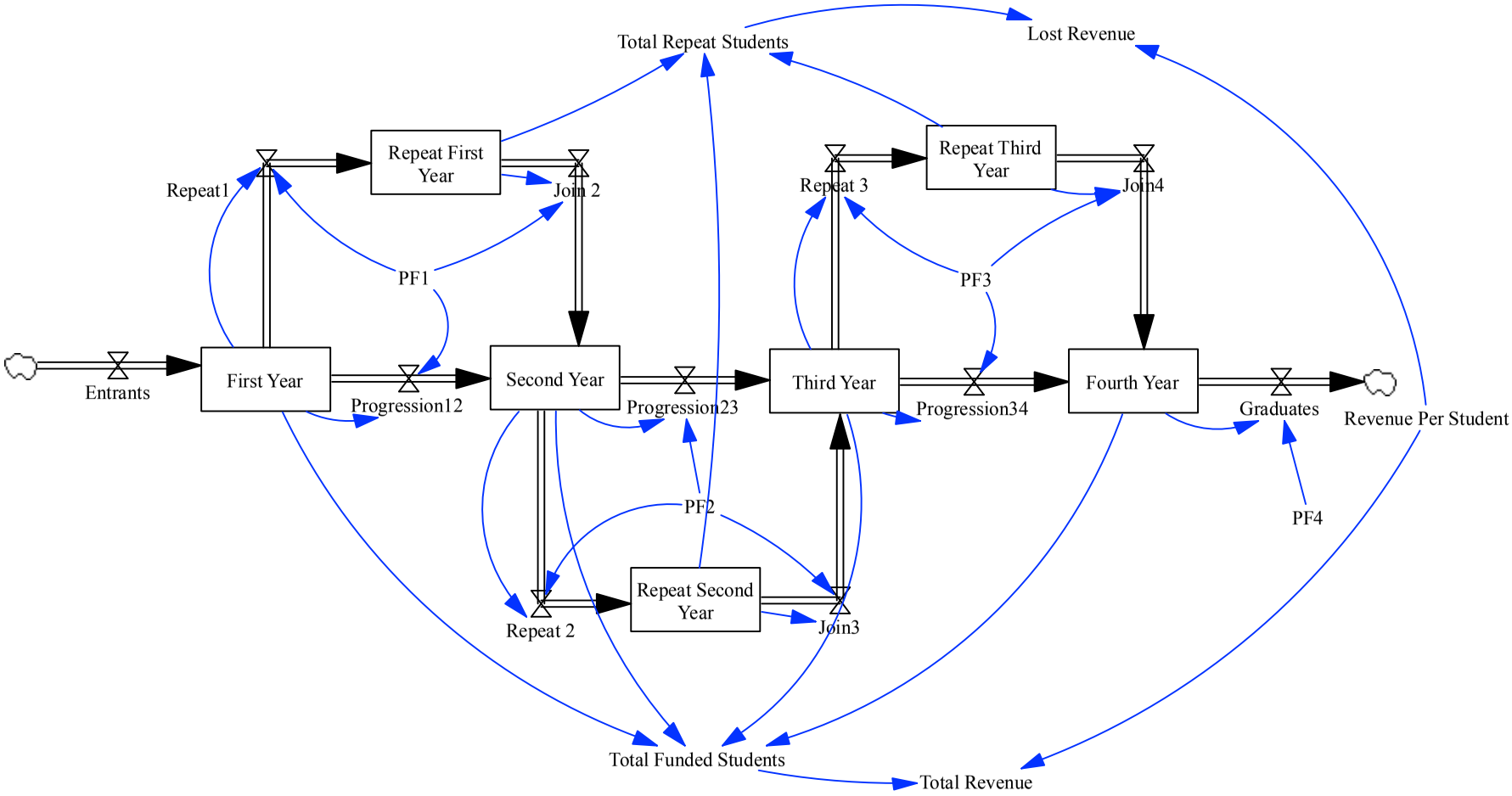
Total Repeat Students
Lost Revenue
Repeat First Year
Repeat Third Year
Repeat1
Join 2
Repeat 3
Join4
PF1
PF3
Entrants
First Year
Progression12
Second Year
Progression23
Third Year
Progression34
Fourth Year
Graduates
Revenue Per Student
PF2
PF4
Repeat Second Year
Repeat 2
Join3
Total Funded Students
Total Revenue

Simulation Model - Equations

Stocks

First Year= INTEG (Entrants-(Progression12+Repeat1), 1000)

Second Year= INTEG (Join 2+Progression12-Progression23-Repeat 2, 1000)

Third Year= INTEG (Join3+Progression23-Progression34-Repeat 3, 1000)

Fourth Year= INTEG (Join4+Progression34-Graduates, 1000)

Repeat First Year= INTEG (Repeat1-Join 2,0)

Repeat Second Year= INTEG (Repeat 2-Join3, 0)

Repeat Third Year= INTEG (Repeat 3-Join4, 0)

Flows

Entrants=1000

Progression12=First Year*PF1
Progression23=Second Year*PF2
Progression34=Third Year*PF3

Graduates=Fourth Year*PF4

Repeat1=(1-PF1)*First Year
Repeat 2=Second Year*(1-PF2)
Repeat 3=Third Year*(1-PF3)

Join 2=Repeat First Year*PF1
Join3=Repeat Second Year*PF2
Join4=Repeat Third Year*PF3

Auxiliaries

PF1=1-step(0.2,2018)
PF2=1-step(0.15,2018)
PF3=1-step(0.1,2018)
PF4=1-step(0.1,2018)

Revenue Per Student=5000

Total Funded Students=First Year+Second Year+Third Year+Fourth Year
Total Repeat Students=Repeat First Year+Repeat Second Year+Repeat Third Year
Total Revenue=Total Funded Students*Revenue Per Student
Lost Revenue=Total Repeat Students*Revenue Per Student