

Total One Time Expenses = GRE + TOEFL + Visa + Flight + Application fees

Loan Interest = Loan Amount * Interest Rate * Tenure

Total Masters Expenses =

Entire Program Fees + (Rent + Utilities + Grocery + Miscellaneous) * (Course Duration)
+ (Opportunity Cost) * (Course Duration) + Loan Interest

Total Income During Master's =

((On Campus Job Salary) * (Month) + (Internship/Co-op Salary) * (Month)) * (1 – Tax Rate)

Expenses During Job =

(Rent + Grocery + Utilities + Miscellaneous) * 12 = Year 1

(Year 1) * 1.06 = Year 2

(Year 2) * 1.06 = Year 3

(Year 3) * 1.06 = Year 4

(Year 4) * 1.06 = Year 5

Income During Job (Tenure 5 yrs)=

(Full-Time Salary Year 1) * (1 – Tax Rate) + ((Full-time Salary Year 1)*(1+ Annual Increment))*(1-tax Rate)) + ((Full time salary year 2)*(1+Annual Increment))*(1-tax rate)) + ((Full time salary year 3)*(1+Annual Increment))*(1-tax rate)) + ((Full time salary year 5)*(1+Annual Increment))*(1-tax rate))

Full time Salary Year 2 = ((Full-time Salary Year 1)*(1+ Annual Increment))

Full time Salary Year 3 = ((Full-time Salary Year 2)*(1+ Annual Increment))

Full time Salary Year 4 = ((Full-time Salary Year 3)*(1+ Annual Increment))

Full time Salary Year 5 = ((Full-time Salary Year 4)*(1+ Annual Increment))

ROI = (Total Income During Master's + Total Income During Job) / (Total One Time Expense + Total Master's Expense)

Break Even Point = (Total One Time Expense + Total master's Expense – Total Income During Master's) / Full Time Salary

Savings After 3 Years = ((Income During Masters + Full Time Salary Year 1 + Full Time Salary Year 2 + Full Time Salary Year 3) – (One Time Expenses + Total Expense

During Master's + Expenses During Year 1 of Job + Expenses During Year 2 of Job + Expenses During Year 3 of Job))

Savings After 5 Years = ((Income During Masters + Full Time Salary Year 1 + Full Time Salary Year 2 + Full Time Salary Year 3 + Full Time Salary Year 4 + Full Time Salary Year 5) – (One Time Expenses + Total Expense During Master's + Expenses During Year 1 of Job + Expenses During Year 2 of Job + Expenses During Year 3 of Job + Expenses During Year 4 of Job + Expenses During Year 5 of Job))