

# Majors

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```
students = get_student_sub()
bg = get_student_background_data(ids = students$mellon_id)
terms = get_term_data(ids = students$mellon_id)
```

```
dist_majors = aggregate(cbind(major_name_1, major_name_2, major_name_3, major_name_4)~mellon_id, terms,
  y = x[!x %in% c("UNDECLARED", "UNAFFILIATED")]
  return(length(unique(y))>1)}, na.action = NULL)
```

```
mean(rowSums(dist_majors[,2:5]) > 0)
```

```
## [1] 0.4359809
```

```
dist_majors$changed = rowSums(dist_majors[,2:5]) > 0
students = merge(students, dist_majors[,c(1,6)], by="mellon_id")
```

```
cor(students$changed, students$dropout, use="complete.obs")
```

```
## [1] -0.2535181
```