



Professors & Heads
of
Electrical Engineering

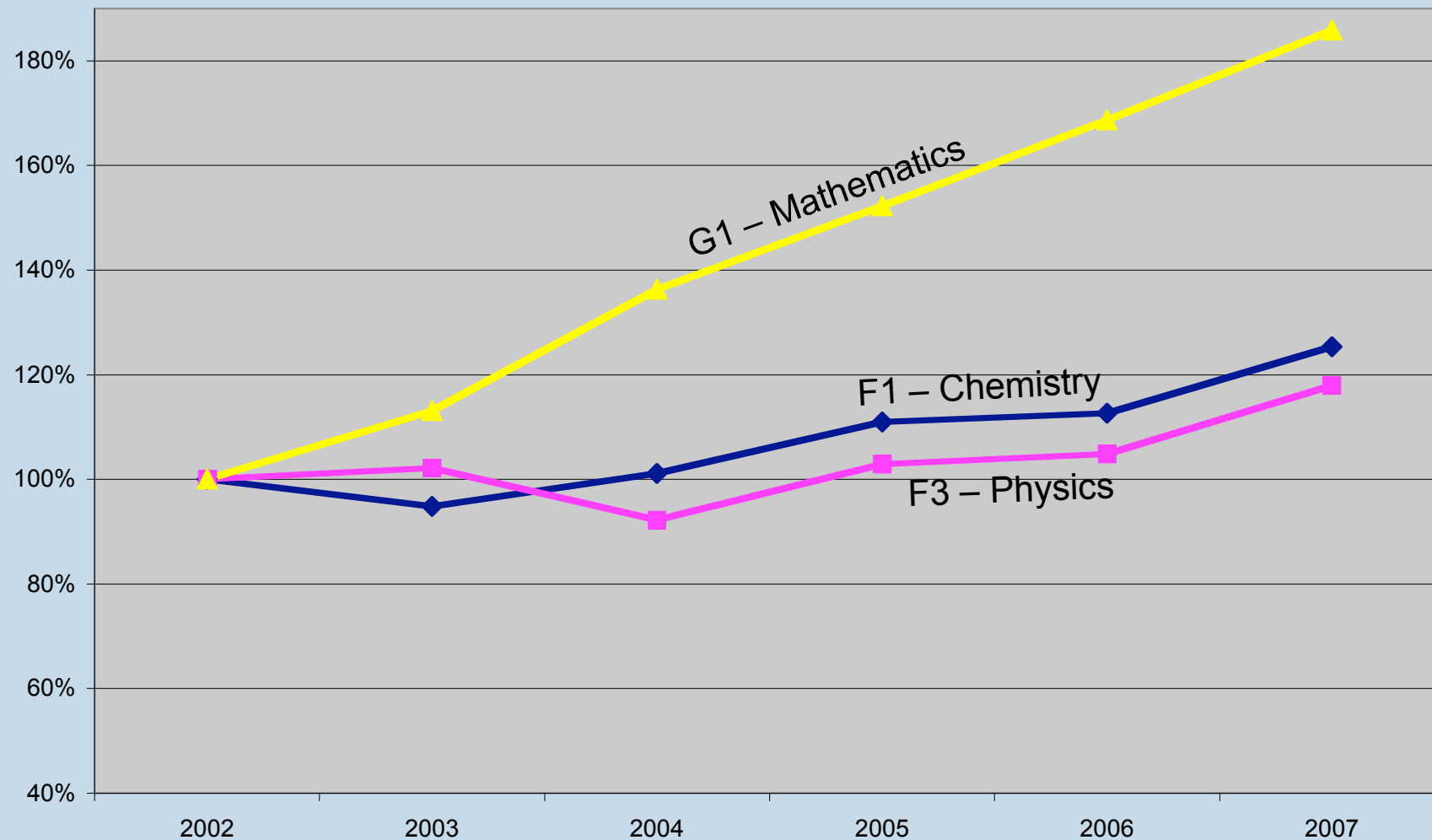
Session 4

SYMBIOTIC LINKS WITH SCHOOLS AND COLLEGES

Recruitment to Electrical and
Electronic Courses
2002-2007

Applications to Maths & Science Courses

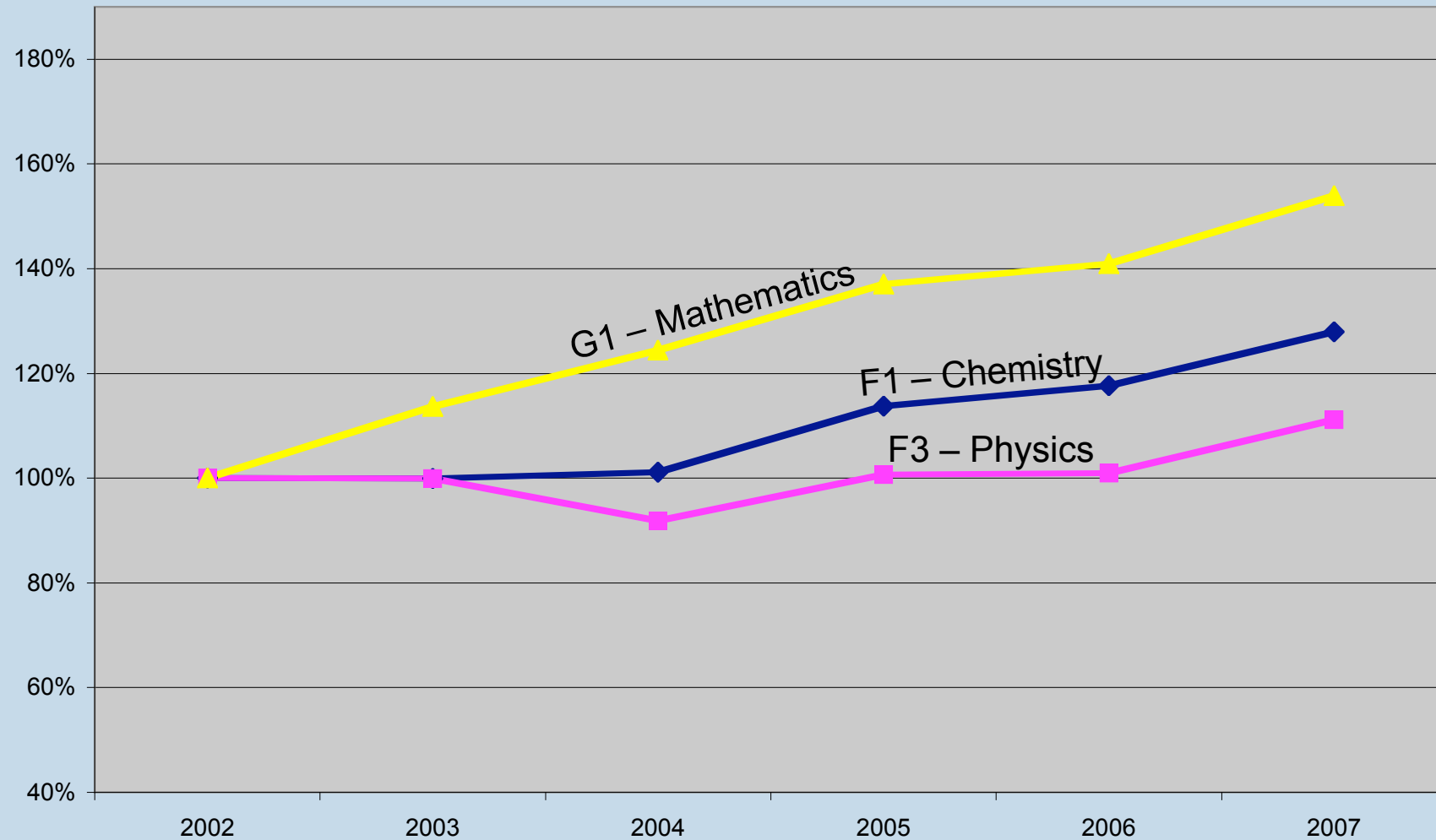
Total Undergraduate Applications Since 2002



Phenomenal growth in applications to Maths degrees

Entry into Maths & Science Courses

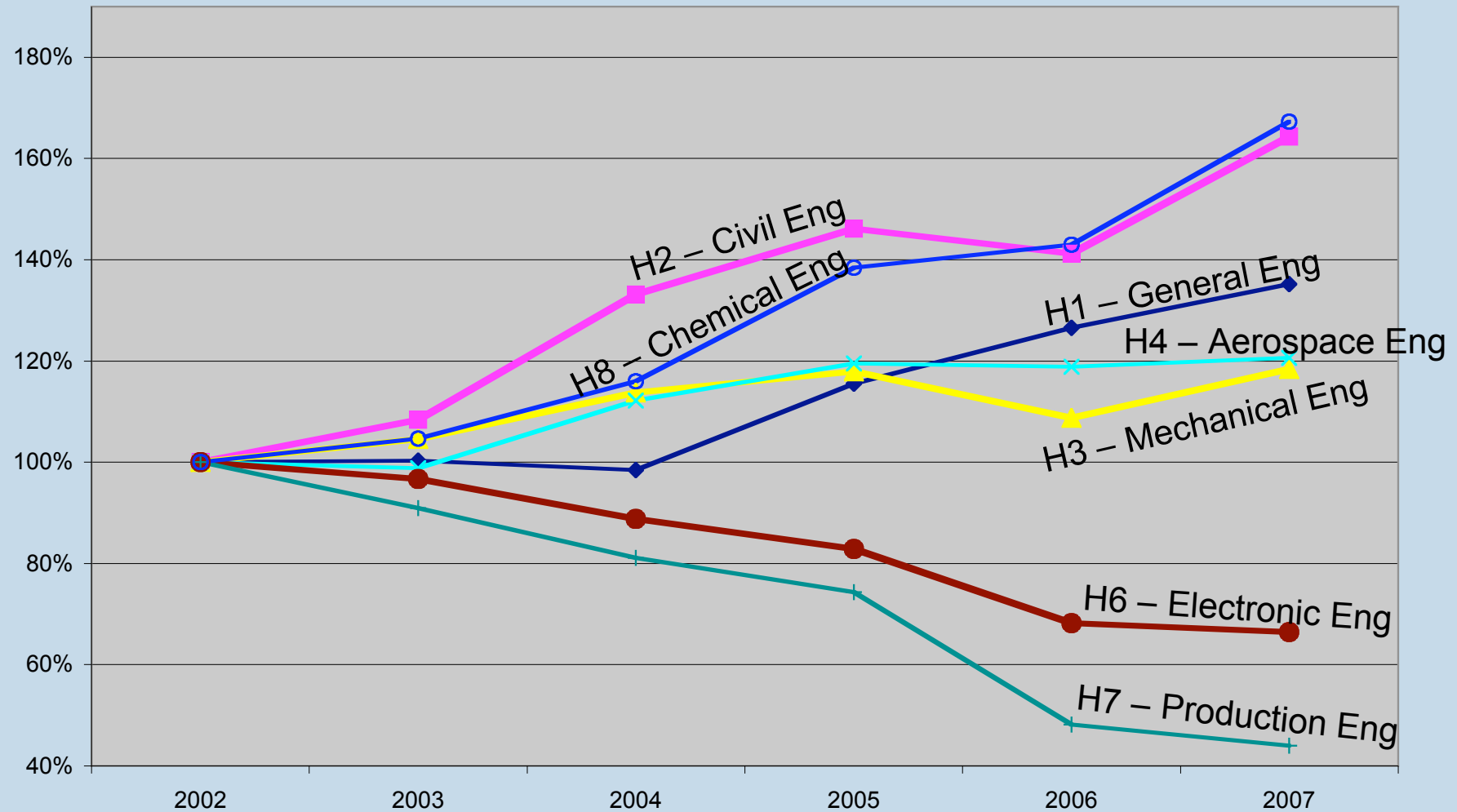
Total Undergraduate Acceptances Since 2002



Growth in Maths acceptances slower – but no sign in saturation

Applications to Engineering Courses

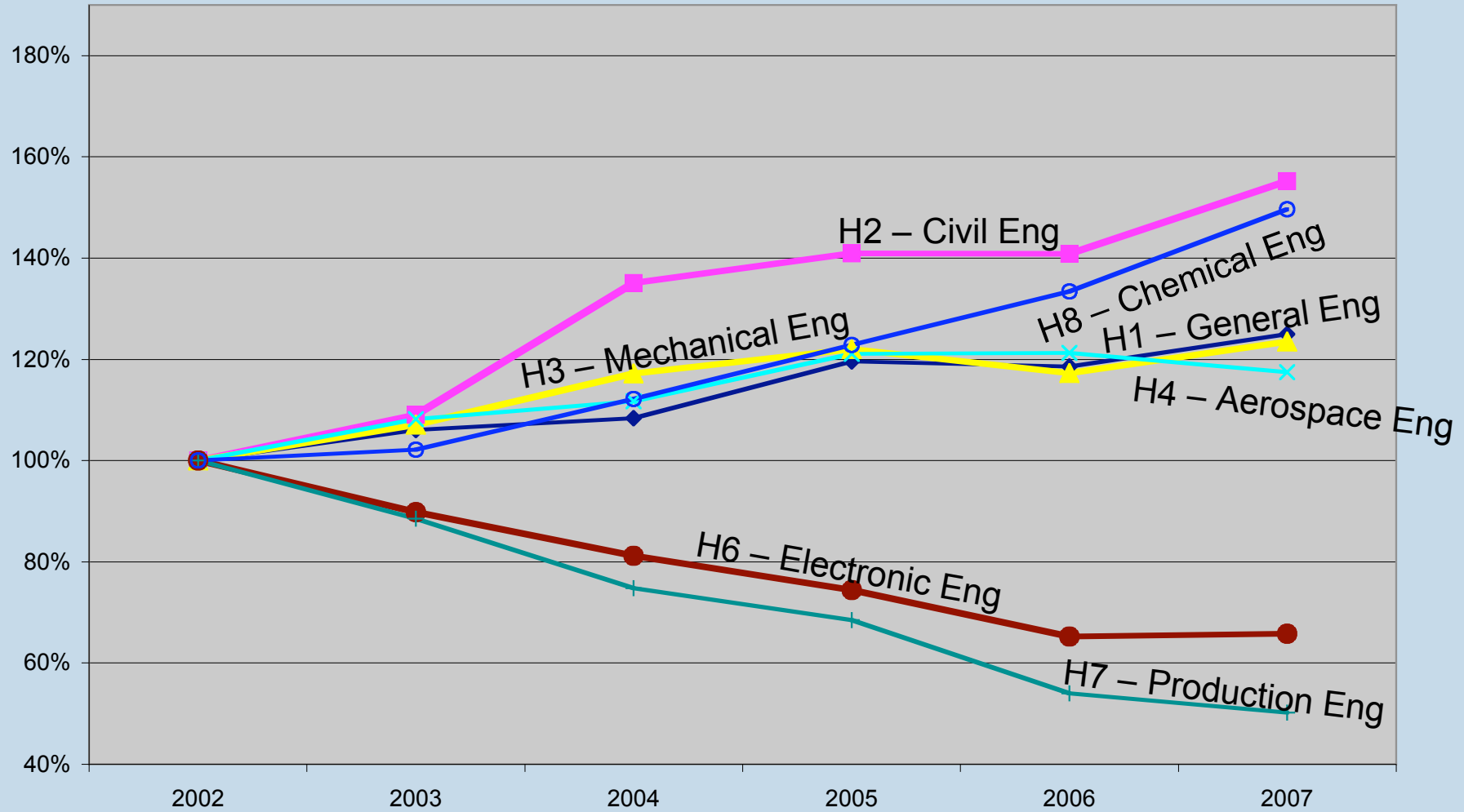
Total Undergraduate Applications Since 2002



Massive fall in Electrical and Electronic Engineering applications

Entry into Engineering Courses

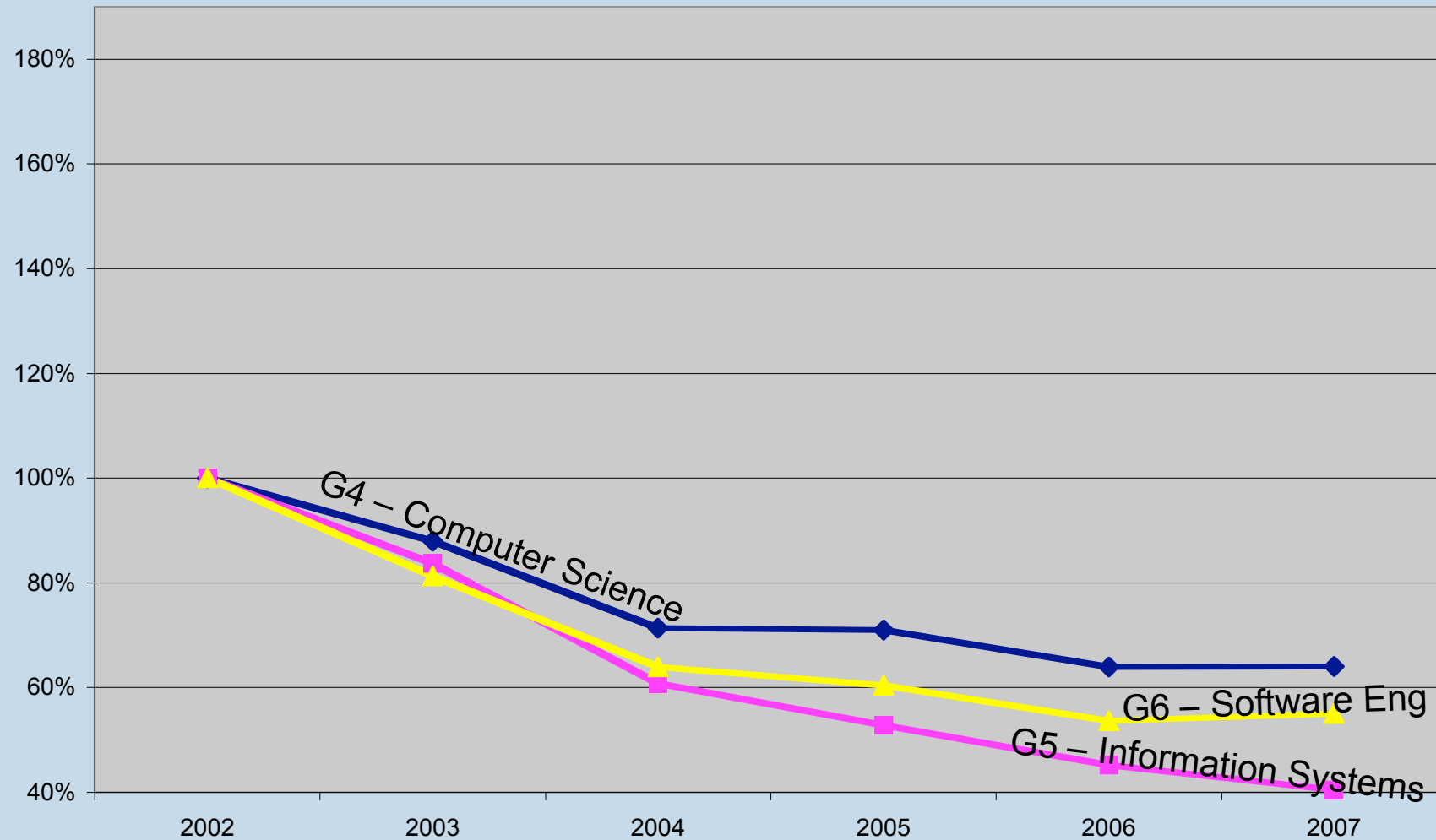
Total Undergraduate Acceptances Since 2002



EE acceptance trend very similar to application trend

Applications to Computing Courses

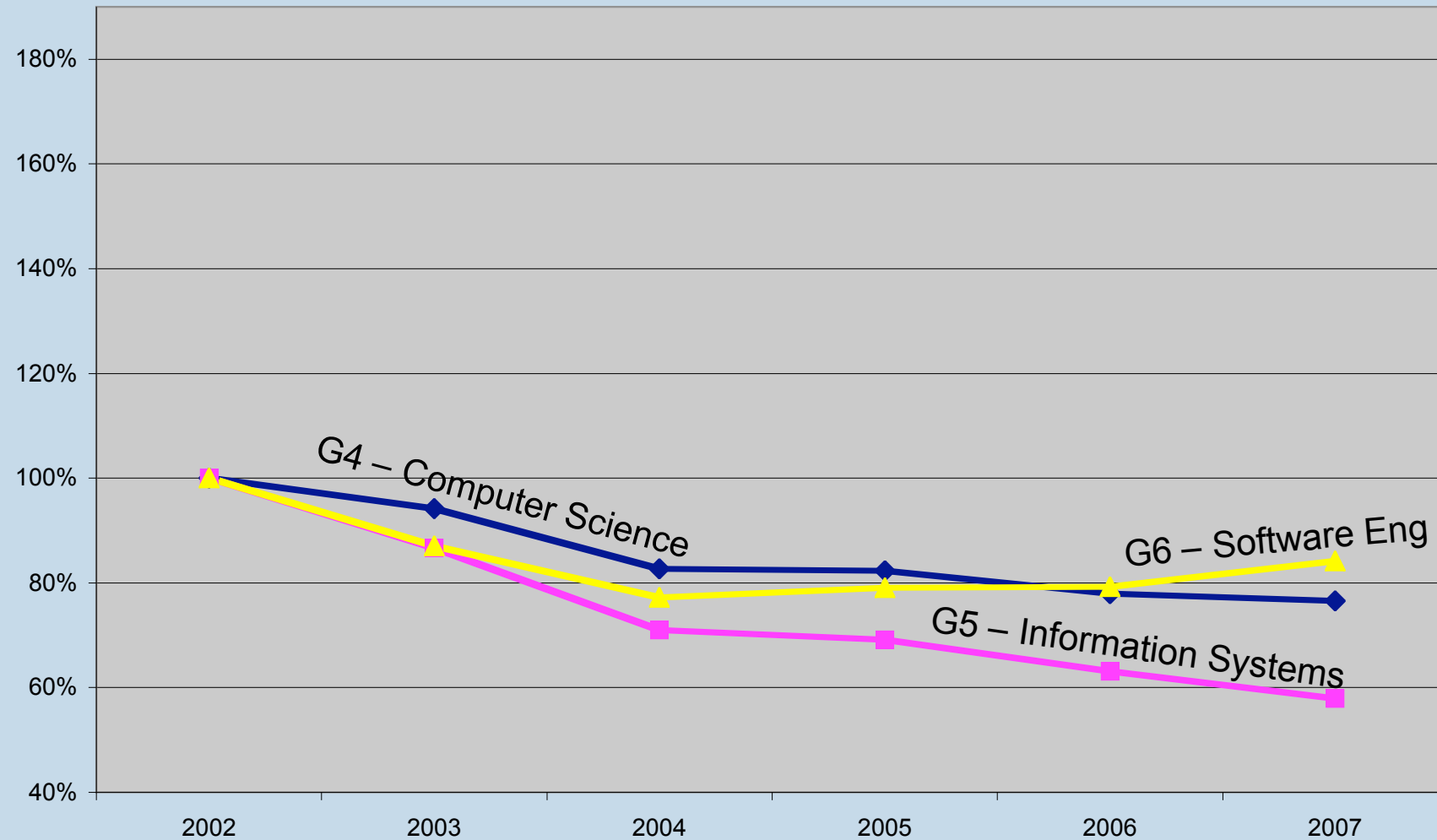
Total Undergraduate Applications Since 2002



Dramatic fall in Computing applications slowing

Entry into Computing Courses

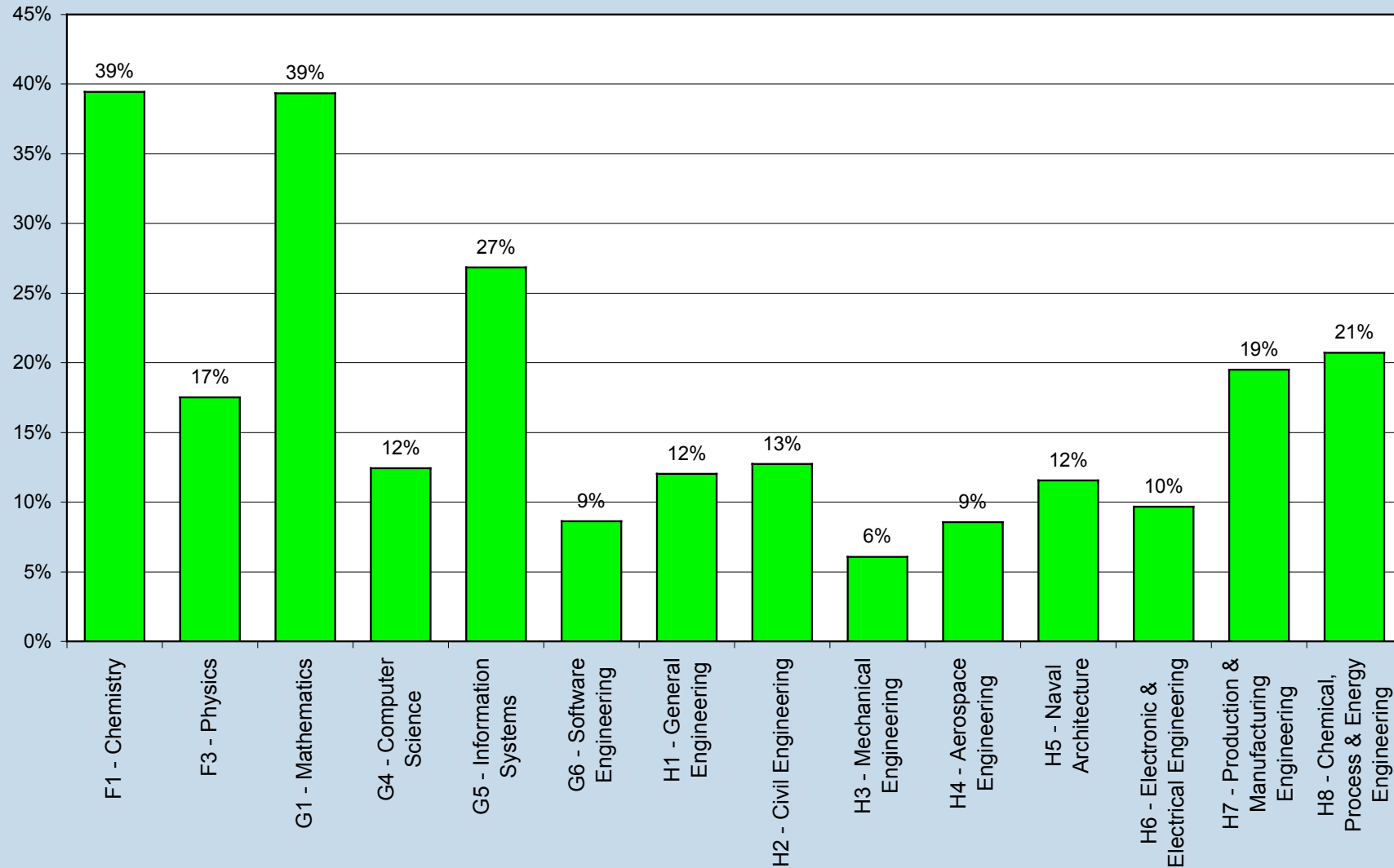
Total Undergraduate Acceptances Since 2002



Fall in acceptances much less than fall in applications

The Gender Imbalance

Proportion of UK Domiciled Females Accepted onto UK Degree Courses 2006



The Hard Facts I

- In 2002, EE applications were 35% of all applications to engineering
- In 2007, market share had fallen to 22%

The Hard Facts II

- In 2002, Maths applications 50% of EE applications
- In 2007, EE applications 71% of Maths applications
- Almost a threefold loss of competitiveness

The Hard Facts III

- In 2002, Civil Engineering 40% of EE applications
- In 2007, same number of applications
- Civils set to overtake Electricals this year

Doing Something About It!

- Here are two suggestions:
 - Encourage and support schools teaching A-Level Electronics
 - Build links with your local Further Maths Network centres