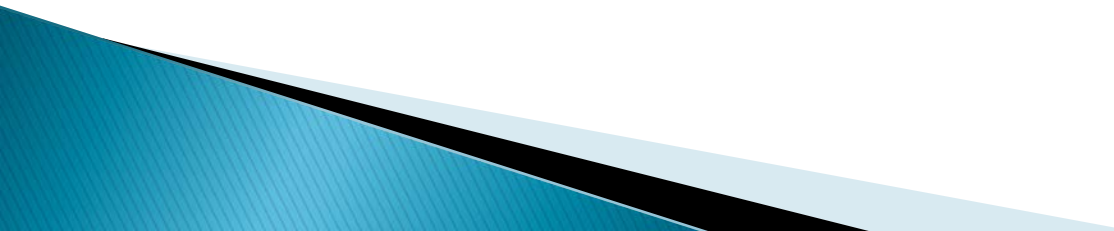



Managing the differences in level 3 learners

Siân Williams
Foundation Programmes Manager

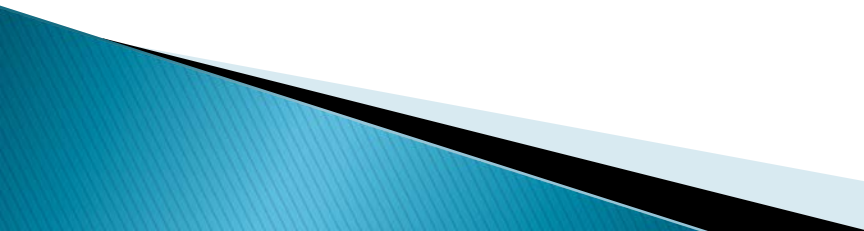
Summary

- ▶ Outline of course
 - ▶ Profiles & performance
 - ▶ Support
 - ▶ Future
- 

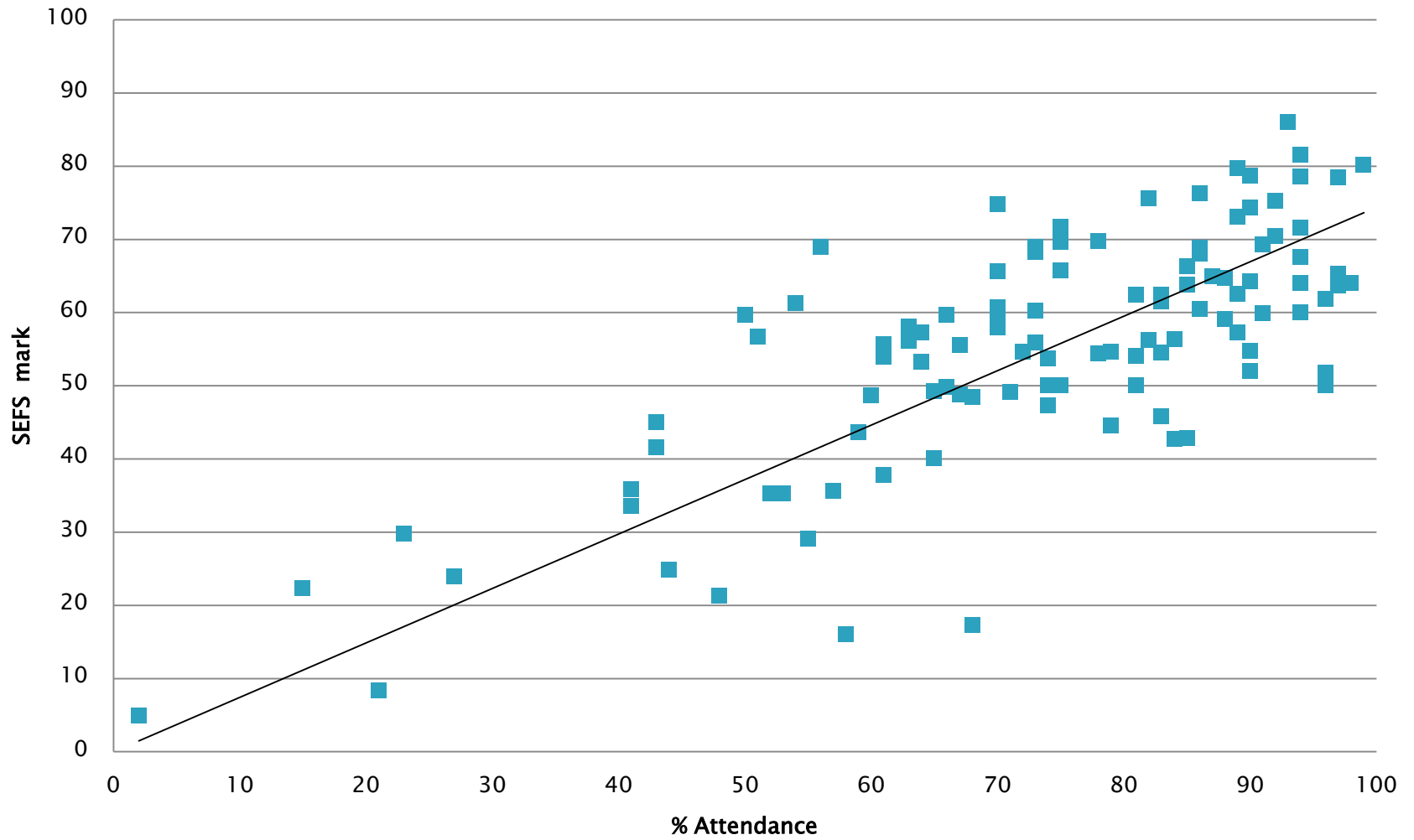
Science and Engineering Foundation Studies (SEFS)

- ▶ Started in 1991
 - ▶ Integrated year 0
 - ▶ Feeds all engineering & science departments
 - ▶ Varying progression & entrance criteria
 - ▶ Core of maths, physics & study skills with optional chemistry, computer science and engineering modules
- 

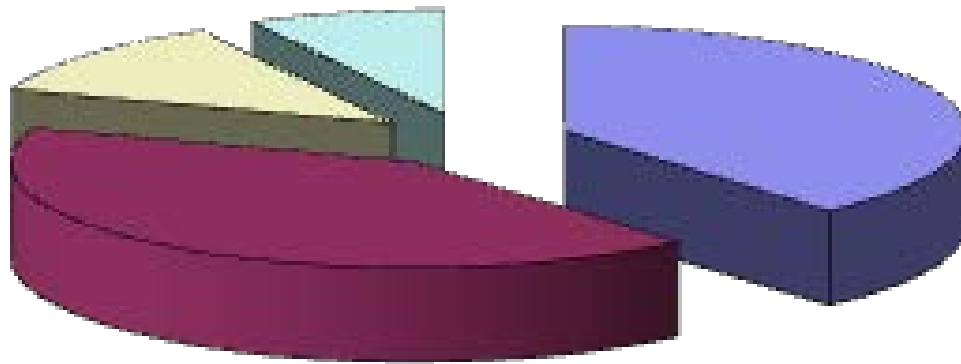
Science and Engineering Foundation Studies (SEFS)

- ▶ Current cohort ~130
 - ▶ A number of mature students
 - ▶ Few overseas
 - ▶ Varied backgrounds/qualifications (A level points vary 240 – 360)
 - ▶ Mostly ‘wrong’ A levels & alternative qualifications
- 

SEFS mark vs attendance



Foundation Student Progression



■ Pass

■ Pass After Resit

■ Withdraw

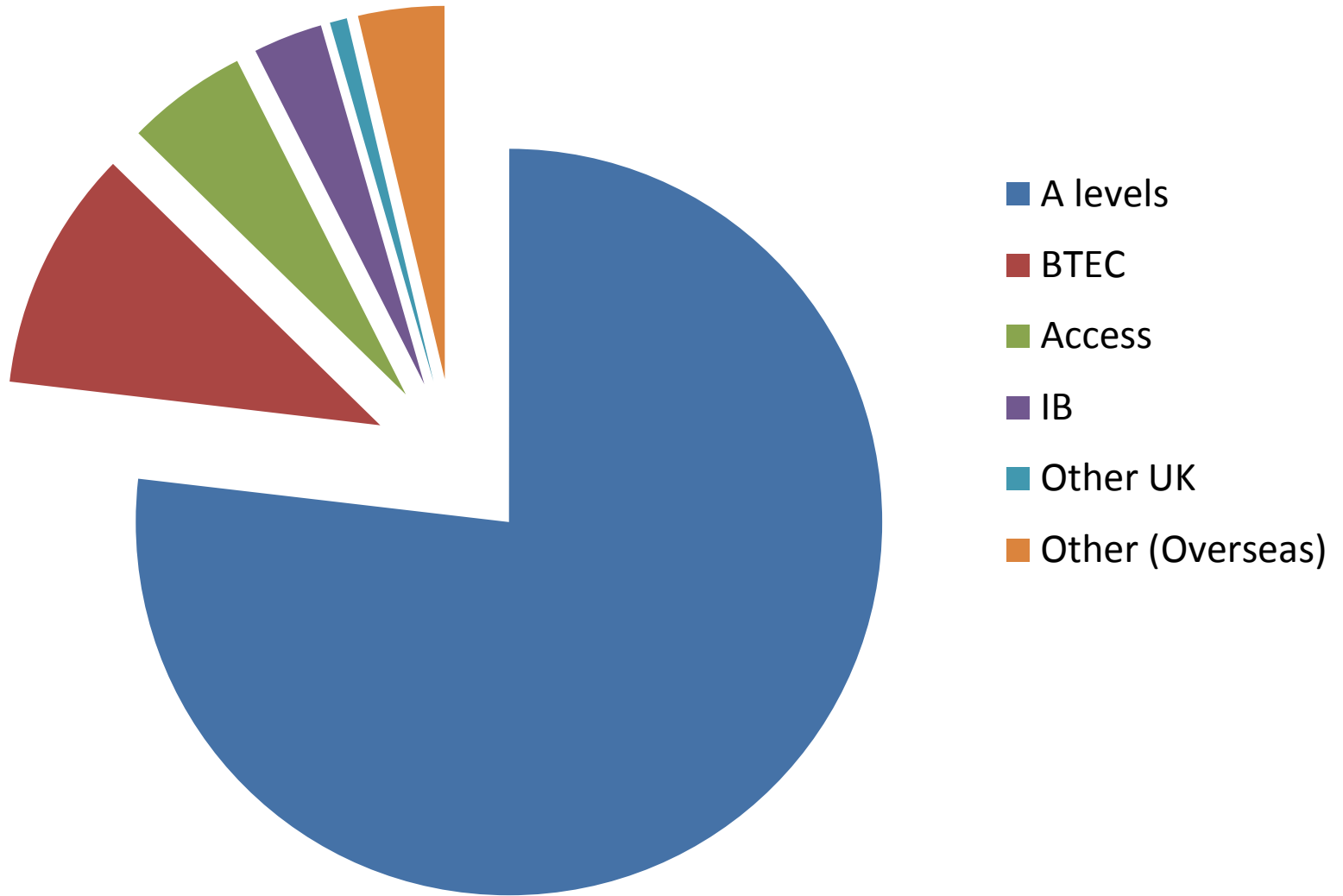
■ Studies Terminated

Entry Standards – Grades & Tariffs

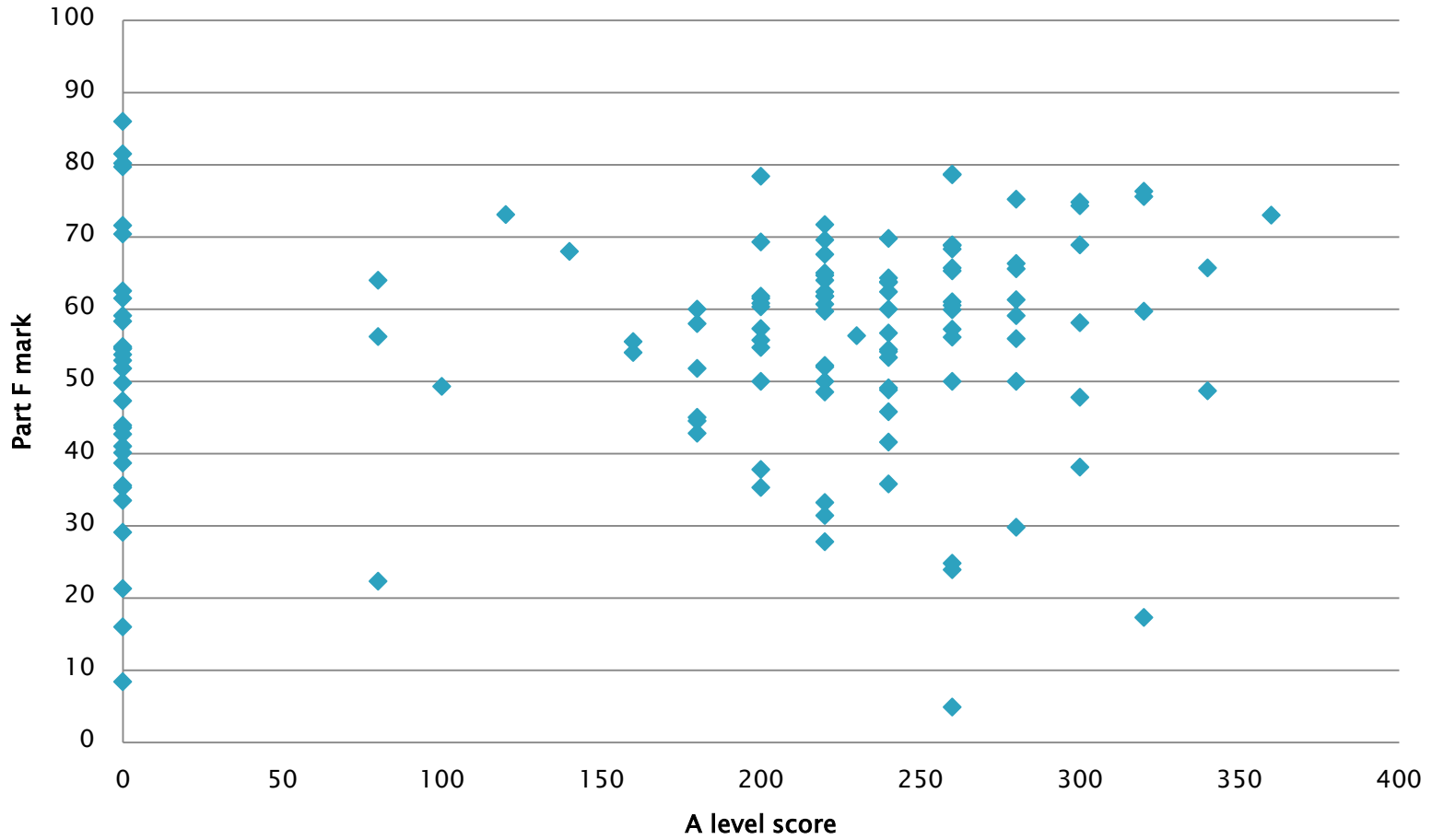
IB Diploma points	UCAS Tariff
45	720
44	698
43	676
42	654
41	632
40	611
39	589
38	567
37	545
36	523
35	501
34	479
33	457
32	435
31	413
30	392
29	370
28	348
27	326
26	304
25	282
24	260

GRADE					TARIFF POINTS
Extended Diploma	Diploma	90 credit Diploma	Subsidiary Diploma	Certificate	
D*D*D*					420
D*D*D					400
D*DD					380
DDD					360
DDM					320
DMM	D*D*				280
	D*D				260
MMM	DD				240
		D*D*			210
MMP	DM	D*D			200
		DD			180
MPP	MM	DM			160
			D*		140
PPP	MP	MM	D		120
				MP	
	PP		M		80
				D*	70
		PP		D	60
			P	M	40
				P	20

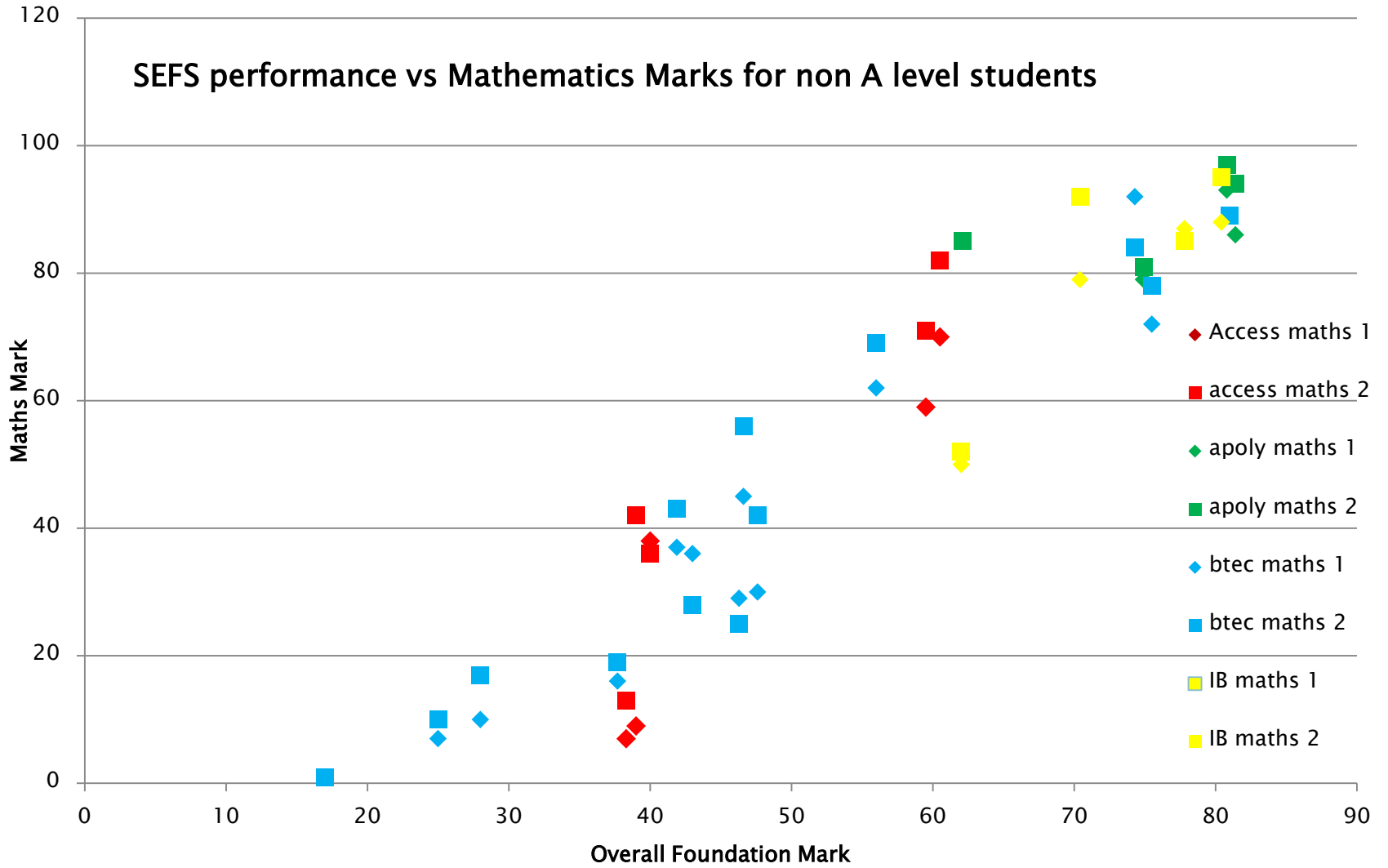
Entry Qualifications




SEFS mark vs A level score



SEFS performance vs Mathematics Marks for non A level students



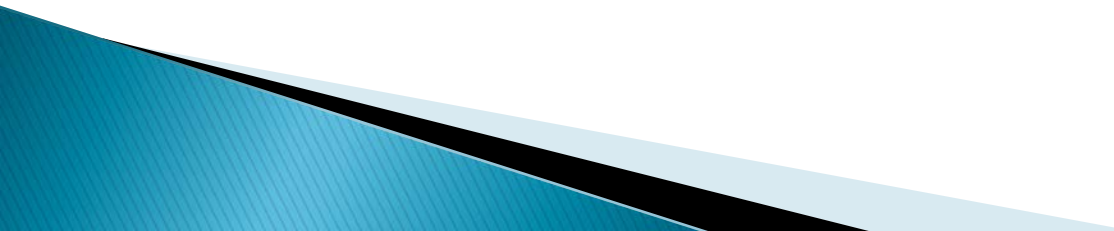
SEFS Support

- ▶ Mature student buddying system
 - ▶ Student mentors
 - ▶ Personal tutors in host departments
 - ▶ SEFS administrator, manager and director
 - ▶ Open door policy
 - ▶ MLSC, Learn, HELM learning resources,
PODCASTS
- 

The Mathematics Learning Support Centre



Future.....

- ▶ Pre registration maths materials
 - ▶ Mini Mooc
 - ▶ Evaluation of current support for students & methods for increasing engagement
 - ▶ Targeted interventions for weaker maths students
- 



Getting a grip on mathematical symbolism

Want to be an engineer or scientist? Lack mathematical confidence? Learn to think mathematically and explore essential concepts.

[WATCH THE TRAILER](#)



- Started on 28 April
- Duration: 3 weeks
- 2 hours pw
- Certificates available

Feedback

Acknowledgements

- ▶ Sandie Dann
 - ▶ Julie Reay
 - ▶ Joyce Satterthwaite
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