

Subject Pathways

You may have an idea of which 'area' you would like to study at university, and for your future career, but not yet be certain on the specific degree or profession. Alternatively, you may not be sure what university and career you are interested in but know what subjects you enjoy. In both instances, it can be helpful to consider your subjects in terms of 'pathways'.

At DIA Barsha, our students have a wide range of subject pathways to choose from, and as a result, progress to study many different subjects at university.

Whichever subjects or pathway you choose, at DIAB, you will also benefit from:

- personalised support
- specialist university guidance
- interview preparation
- additional tailored enrichment for any additional external requirements for the specific degree such as assessments and portfolios

We also provide guidance for applications with specific requirements such as applications to Oxbridge or Medical Schools.

Below is a table highlighting the potential pathways and the subjects that would be required for them.

Pathway	MYP Recommended Subjects	DP Recommended Subjects	Potential university courses	External Requirements
Medicine Dentistry Veterinary Medicine	Biology, Chemistry, Physics Extended Mathematics (where possible)	Biology, Chemistry, Mathematics AA	Medicine Dentistry Veterinary Medicine Plus all the BioChem Pathway options below	UCAT/BMAT
Biochemistry	Biology, Chemistry	Biology, Chemistry, Mathematics AA	Biochemistry Biomedical Science Biology Chemistry Global Health and Medicine Medical Physiology Neuroscience Diet and Nutrition Pharmacology Pharmacy Physiotherapy Chiropractic	
Computer Science	Extended Mathematics, Physics, Digital Design	Mathematics AI/AA HL, Physics	All Computer Science Courses	
Engineering	Extended Mathematics (where possible), Product Design, Physics and one more science	Mathematics AA HL, Physics Design Technology (optional)	Engineering Mechanical Engineering	
	Extended Mathematics (where possible), Physics, Chemistry	Mathematics AA, Physics, Chemistry	Chemical Engineering	



Environmental Science	Geography, Biology, Integrated Sciences	Geography, Biology/ESS, Physics	Geology Earth Science Agricultural Studies Environmental Science Sustainability Environmental Engineering	
Alternative Science Stream	Chemistry, Biology, PHE	Biology, Chemistry, Psychology/SEHS BTEC Sport	Psychology Forensic Science Sports Science Physiotherapy Sports Coaching Sports Psychology	
Architecture	Physics, Maths, Visual Art, Product Design	Visual Art, Mathematics AA, Physics	Architecture Urban Planning Civil Engineering Architectural Design	Portfolio
Law	History	English/Politics/ Psychology English/History/ Psychology	All Law Courses	LNAT
Government, Politics and Leadership	History	History/Economics/ Global Politics and Mathematics AA SL	PPE	
Finance and Management	Extended Mathematics (where possible), Economics or Business	Mathematics AI HL and Politics/Business BTEC Business	Accounting and Finance	
Economics	Economics, Extended Mathematics (where possible)	Economics and Mathematics HL	PPE Economics All Mathematics Courses All Financial Courses Actuarial Science Accounting and Finance	
Business Management	Business	Business Management and 2 from Geography/Global Politics/Mathematics BTEC Business	Business Management International Development International Management	
Art and Design	Visual Art, Product Design	Visual Art, Design Technology	All Art and Design courses Fashion	Portfolio
Fashion and Media Management	Visual Art, Product Design, Business	Visual Art, Business Management, Mathematics AI	Fashion Management Media Management	

*This is not an exhaustive list of all university courses and pathways but provides an overview and a starting point. Please do book a meeting with our university counsellor to discuss any pathways on the list, or other courses not listed: university@diabarsha.com