

Pathways to a Physics Major: showing WACE entry background into UWA and UWA Mathematics unit progressions

Physics Major complementary units are: MATH1001, MATH1002, MATH2501 and CITS2401). At Level 3, Astrophysics is an option ([PHYS3003](#)).

PHYS1002 in S2 can be taken before PHYS1001 (good for mid-year entry students). Prerequisites for **BOTH** PHYS1001 (2013 onwards) & PHYS1002 (2012 onwards) are: WACE Physics 3A/3B or [PHYS1030](#) Physics Bridging Unit or TEE Physics or equivalent and Minimum: WACE Mathematics 3C/3D or [MATH1045](#) Intermediate Calculus or TEE Applicable Mathematics or equivalent.

PHYS2002 in S2 can be taken before PHYS2001 (e.g. pathway (c)). Relevant Maths units available from 2013 are: [MATH1711](#), [MATH1712](#), [MATH1001](#), [MATH1002](#), [MATH2501](#)

PHYS3AB ≥ 50 or TEE Physics required?	Mathematics achieved prior to entry to UWA	Pathway	Year 1 Semester 1	Year 1 Semester 2	Year 2 Semester 1	Year 2 Semester 2	Year 3 Semester 1	Year 3 Semester 2	Year 4 Semester 1	Year 4 Semester 2
Yes	MAT and MAS 3C/D	(a)	PHYS1001 MATH1001	PHYS1002 MATH1002	PHYS2001 CITS2401	PHYS2002 MATH2501	PHYS 3001 or 3003 PHYS3011	PHYS3002 PHYS3012	M.Sc. or Hons.	M.Sc. or Hons.
Yes	MAT 3C/D and MAS 3A/B	(b)	PHYS1001 MATH1035 or MATH1712	PHYS1002 MATH1001	PHYS2001 MATH1002 CITS2401	↗				
Yes	MAT 3C/D and no MAS	(c)	PHYS1001 MATH1038 or MATH1711	PHYS1002 MATH1035 or MATH1712	MATH1001	PHYS2002 MATH1002	PHYS2001 CITS2401	MATH2501	PHYS 3001 or 3003 PHYS3011	PHYS3002 PHYS3012
Yes	MAT 3A/B and no MAS	(d)	(MATH1045 and MATH1038) or MATH1711	PHYS1002 MATH1035 or MATH1712	PHYS1001 MATH1001	↗				
No	minimum MAT3C/D and MAS3A/B	(e)	PHYS1030 MATH1035 or MATH1712	PHYS1002 MATH1001	PHYS1001	PHYS2002 MATH1002	PHYS2001 CITS2401	MATH2501	PHYS 3001 or 3003 PHYS3011	PHYS3002 PHYS3012
No	minimum MAT 3C/D	(f)	MATH1038 or MATH1711	PHYS1030 MATH1035 or MATH1712	PHYS1001 MATH1001	PHYS1002 MATH1002	PHYS2001 CITS2401	PHYS2002 MATH2501	PHYS 3001 or 3003 PHYS3011	PHYS3002 PHYS3012
No	minimum MAT 3A/B	(g)	(MATH1045 and MATH1038) or MATH1711	↗						
Not incompatible	minimum MAT 3A/B in 2013	(h)	PHYS1021	PHYS1022	Allow to proceed to Level 2 Physics with HD in both and satisfying the mathematics requirements					