

## Course Content - Saturday

Coll & the Cosmos offers you the opportunity to learn about astronomy and stargaze with plenty of free time in-between to explore the island.

### Session 1 - Saturday 11.30am – 1.00pm

- ★ 11.30am – 11.45am Welcome at An Cridhe with tea and coffee provided
- ★ 11.45am – 12.30pm Brief introduction to the course (Talk)
- ★ 12.30pm – 1.00pm Planetarium Session 'Two Small Pieces of Glass'

### *Optional Saturday Talk 3.00pm – 4.00pm 'History of Astronomy'*

### Free time to explore Coll 1.00pm – 8.00pm

### Session 2 - Saturday 8.00pm – 9.30pm

- ★ 8.00pm – 8.45pm Hands on instruction in the correct use of mounts, scopes, bino's etc.
- ★ 8.45pm – 9.30pm Instruction inside the planetarium. Familiarisation of the night sky, including recognising constellations, observational techniques, star hopping, averted vision technique, dark adaption, etc.

### Session 3 - Saturday 9.30pm – 11.00pm (option to extend beyond midnight if clear)

- ★ Clear skies - practical astronomy, naked eye, binocular & telescope observing session
- ★ Cloudy - Mars rover landing game and planetarium session including 'We are Aliens' & 'From Earth to the Universe'

**Please note content and times are subject to change depending on the weather. We need to have this flexible approach to make the most of any clear skies. When clear we will be outside so remember to bring warm clothes!**

***Optional talks need to be booked at the end of the morning session***

## Course Content - Sunday

Coll & the Cosmos offers you the opportunity to learn about astronomy and stargaze with plenty of free time in-between to explore the island.

### Session 4 - Sunday 11.00am – 1.00pm

- ★ 11.00am – 12.00pm Immersive VR session (scale of the universe & Apollo 11 experience)
- ★ 12.00pm – 1.00pm Clear skies - Solar observing
- ★ Cloudy - planetarium session including the short movies 'Sunstruck' & 'Tim Peake ISS Tour'

### *Optional Sunday Talk 3.00pm – 4.00pm 'Astrophotography'*

### Free time to explore Coll 1.00pm – 8.00pm

### Session 5 - Sunday 8.00pm to 9.30pm

- ★ 8.00pm – 8.45pm Wonders of the Universe (Talk)
- ★ 8.45pm – 9.30pm Planetarium session – 'Back to the Moon for Good'

### Session 6 - Sunday 9.30pm to 11.00pm (option to extend beyond midnight if clear)

- ★ Clear skies - practical astronomy, naked eye, binocular and telescope observing session
- ★ Cloudy - extra VR session, Meteorites & planetarium session 'Phantoms of the Universe'

**Please note content and times are subject to change depending on the weather. We need to have this flexible approach to make the most of any clear skies. When clear we will be outside so remember to bring warm clothes!**

**Optional talks need to be booked at the end of the morning session**