## Course Outline – Environmental Education

**Session 1 - Introduction to Education for Sustainability**
- Take a tour of CERES and its history of Education for Sustainability (EfS) programs
- Learn about the current policies and theories behind environmental education
- Explore the “Why” of sustainability and the importance of defining purpose before action
- Education ABOUT the environment, Education IN the environment and Education FOR the Environment
- Ways of using “HAND, HEAD & HEART” in EfS
- Test your knowledge through common facts and figures and dispelling of myths
- Think Global, Act Local, Respond Personally – Empowering Environmental Individuals

**Session 2 - People, Behaviour Change and Community Engagement**
- People and Sustainability – Global Equity
- How to communicate for change & how to motivate for change
- Current behaviour change theories – Les Robinson, Doug Mckenzie Moore and George Marshall
- Taking action
- Creating your Project - Designing an idea, starting a ‘buzz’ and communicating for change

**Session 3 - Biodiversity & Sustainable Food Systems**
- Understanding of global and Australian biodiversity
- Urbanisation - Merri Creek Walk and Talk
- Measuring Biodiversity - Bird Surveys - Tree Measuring and ID
- Biodiversity Organisations – Volunteer Opportunities
- Ways of making a difference in your backyard
- Sustainable Food Systems – small & large scale and urban systems
- CERES Sustainable Food Systems – Organic Farm, Nursery, Grocery & Market, Fair Food, Community Kitchen

**Session 4 - Energy Use, Climate Change and Renewable Energy**
- Understanding of Energy and flows & Renewable Energy
- Human Use of Energy and Impacts to the Environment
- Climate Change
- Energy Hierarchy
- Energy Auditing & Simple Actions for reducing your carbon footprint
- Sustainable Transport
- Community actions and Case studies

**Session 5 - Waste, Organic Recycling and Life Cycle Analysis**
- How to reduce your waste, 4Rs
- E-waste & Life Cycle Analysis
- Organic Recycling & Food Waste
- Simple actions big impacts
- Litter and Plastics
- Waste Campaigns and actions, e.g. Plastic Free July and Take 3

**Session 6 - Water Use, Quality and Sensitive Urban Design**
- Water Use in the home
- Protecting our Catchments
- Water Sensitive Urban Design
- Water trail at CERES
- Water quality Testing at the Merri creek
- Australia, Climate and Drought
- Future Water Solutions

**Session 7 - Meet your Mentor Day**
- Industry Experts advise students on the best way to educate and communicate for sustainability.
- Participants will have the opportunity to ask the experts the best approaches to creating change.

**Session 8 - Graduation and Presentation Day**
- Students will present an idea or activity that will motivate a person or group to learn more and act for sustainability drawing from knowledge, theories and practical activities from the course.
- Evaluation of Communication Skills
- Peer review
- Shared Learnings
- Course summary