PROFESSIONAL DEVELOPMENT
TEACHERS AND PRE-SERVICE TEACHERS

Sustainability Cross Curriculum Priority EfS@Mq

Course 2018 Education for Sustainability - Advancing Primary Teachers’ L&T Approval CRM:0005909

Description of the course

Education for Sustainability (EfS@MQ) is a NESA Approved Macquarie University course that advances primary teachers’ capacity to develop learning and teaching programs for the Sustainability Cross Curriculum Priority in the classroom. Teachers will work with preservice teachers throughout the program and share their stories of creating sustainability lessons based on the UN Sustainable Development Goals.

In this 20 hour course, teachers will:

- Plan and implement well-structured learning and teaching lesson sequences that engage students and promote learning (3.2.2);
- Select, reflect and use relevant teaching strategies to develop future thinking, system thinking, design thinking and critical and creative thinking for sustainability activities (3.3.2);
- Participate in learning to update and extend their knowledge about world views of sustainability including the Sustainable Development Goals and the Sustainability Cross Curriculum Priority areas in the primary curriculum (6.2.2);
- Contribute to collegial discussions and apply constructive feedback from colleagues to improve professional knowledge and practice on sustainability (6.3.2).

The course will include a blended on line and face to face elements.
What does EfS@Mq Course involve?

The elements of the 20 hour Course will include:

**Preparation:** An online preparatory session will include familiarisation with sustainability concepts, and pre and post quiz. (1.5 hour)

**Workshop 1:** A full day workshop will cover content and teaching strategies (6 hours)

**School based activities:** Teachers will work with preservice teachers to co-plan and implement well-structured learning and teaching programs, including integrating ICT, within the school. Teachers will reflect on their practice (2.6.2) (3 hours)

**Workshop 2:** Teachers will attend a workshop to undertake training in reflection on practice and share their experiences of teaching and learning of sustainability (lesson plans, resource kits, teaching strategies) and engage with peers in reflection (6.3.2). These resources will be made available to all participants in the course.

**Forum:** Teachers will present their teaching strategies and resources at a Forum to inspire other teachers about sustainability (6.3.2).

**Evaluation:** Includes overall course evaluation and a reflective blog

**Contacts:** Bronwen.WadeLeeuwen@mq.edu.au

**Key course organisers:**

<table>
<thead>
<tr>
<th>Wendy Goldstein</th>
<th>Dr Bronwen Wade-Leeuwen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturer/Director of Master Sustainable Development Department of Environmental Sciences Faculty of Science and Engineering <a href="mailto:Wendy.goldstein@mq.edu.au">Wendy.goldstein@mq.edu.au</a> Wendy is Director of the Master of Sustainable Development program at Macquarie in the Department of Environmental Sciences. Before 2005 Wendy worked with the International Union for Conservation of Nature, IUCN, for 14 years as head of education and communication.</td>
<td>Lecturer and Project Manager for Education for Sustainability (EfS@Mq) Course. Department of Educational Studies Faculty of Human Sciences <a href="mailto:Bronwen.wadeleeuwen@mq.edu.au">Bronwen.wadeleeuwen@mq.edu.au</a> Bronwen is an Arts Educator; her current research interests in STEAM (Science, Technology, Engineering, Arts &amp; Maths) education, developing sustainable cross-cultural teacher education programs around the world.</td>
</tr>
</tbody>
</table>

Completing Education for Sustainability (EfS@ MQ) will contribute 20 hours of NESA Registered PD addressing 3.2.2, 3.3.2, 6.2.2 and 6.3.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.