**[Technical University of Denmark - SA 20147](https://www.studyabroad.purdue.edu/programs/flyer.cfm?flyer=170&SICountryCode=420&Duration=Spring%20Semester&AcademicSchoolCode=E)**

The courses listed below are only some of the possibilities. Students should conduct their own research to find courses that best match their interests and degree needs (see the link above) and then discuss them with Prof Gray.

Please schedule an appoint with Prof. Gray (stop by MSEE 140 or call 49-43390 to make an appointment) to discuss course selection as it pertains to your needs.

Course search link: <http://www.kurser.dtu.dk/search.aspx>

| **DTU course** | **Purdue course** |
| --- | --- |
| 31354 Circuit Technology and EMC (5 ECTS) | ECE 39595 Circuit Technology and EMC (3 cr.) [EE Elective] |
| 31371 Embedded System Innovation (5) | ECE 39595 Embedded System Innovation (3) [EE Adv Selective in place of ECE 36200; not applicable for CmpE] |
| 12240 Environmental Management and Ethics (5) | ECE 19595 Environmental Management and Ethics (3) [ECE General Education Elective] |
| 34330 Introduction to Mobile Communication (10) | ECE 39595 Introduction to Mobile Com-munication (5) [EE Elective + EE Adv Lab] |
| 31786 Wind Turbine Electrical Design (10) | ECE 49595 Wind Turbine Electrical Design (5) [EE Elective + EE Adv Lab] |
| 02160 Agile Object Oriented Software Development (10 ECTS) | ECE 39595 Object oriented programming (5 PWL) [CmpE Elective, precludes ECE 30862] |
| 02180 Introduction to Artificial Intelligence (5 ECTS) | ECE 49595 Intro to Artificial Intelligence (3 PWL – 52 contact hours) [CmpE Elective – precludes ECE 47300 and 57000] |
| 12205 Climate Change-impacts, Mitigation, Adaptation (5 ECTS) | ECE 29595 Climate Change (3 PWL – 52 contact hours) [ECE Science Selective] |
| 62132 Project Management (5 ECTS) | ECE 29595 Project Management (3 PWL – 52 contact hours) [Adv Level GenEd] |
| 62136 Macroeconomics and Globalisation (5 ECTS) | ECE 29595 Macroeconomics and Globalisation (3 PWL – 52 contact hours) [Adv Level GenEd – precludes ECON 25200] |
| 01019 Discrete Mathematics | ECE 39595 Discrete Mathematics (3 cr) [in place of ECE 36900) |
| 02157 Functional Programming | Functional Programming  ECE 39595 Functional Programming (3 cr) [CmpE Selective |
| 02402 Introduction to Statistics | ECE 29595 Introduction to Statistics (3 cr) [Complementary Elective] |
| 11463 Basic Geotechnical Engineering | ECE 29595 Basic Geotechnical Engineering (3 cr) [Engr Breadth] |
| 31342 Introduction to programmable logic controllers | ECE 39595 Introduction to programmable logic controllers (3 cr) [“Special Content” CmpE Selective] |
| 31606 Signals and linear systems in discrete time | ECE 39595 Signals and linear systems in discrete time (3 cr) [in place of ECE 30100] |
| 47202 Introduction to Future Energy | ECE 39595 Introduction to Future Energy (3 cr) [Engr Breadth] |
| 62413 Advanced OOP using C# and .Net | ECE 39595 Advanced OOP using C# and .NET (3 cr) [CmpE Selective] |

2 ECTS credits are approximately equivalent to 1 Purdue credit hour.