## 2020 School of Engineering Undergraduate Unit Information (Tentative)

| No | Unit Code | Unit Name | S1 = Semester 1 (2 Mar-19 Jun) |
|----|-----------|-----------|--------------------------------|
| 1 | CVE20001 | Topographic Engineering | S1 |
| 2 | CVE20002 | Computer Aided Engineering | S1 |
| 3 | CVE20004 | Geomechanics | S1 |
| 4 | CVE30001 | Urban Water Resources | S1 |
| 5 | CVE30002 | Steel Structures | S1 |
| 6 | CVE30003 | Transport Engineering | S1 |
| 7 | CVE40002 | Low Rise Building | S1 |
| 8 | CVE40008 | Final Year Research Project 1 (Civil) | S1 |
| 9 | CVE40009 | Final Year Research Project 2 (Civil) | S1 |
| 10 | CVE80019 | Structural Dynamics and Earthquake Engineering | S1 |
| 11 | EEE20001 | Digital Electronics Design | S1 |
| 12 | EEE20003 | Embedded Microcontrollers | S1 |
| 13 | EEE20006 | Circuits and Electronics 1 | S1 |
| 14 | ENG10001 | Engineering, Design and Innovation | S1 |
| 15 | ENG10002 | Engineering Materials | S1 |
| 16 | ENG10003 | Mechanics of Structures | S1 |
| 17 | ENG10004 | Digital and Data Systems | S1 |
| 18 | HESS513 | Wastewater Engineering | S1 |
| 19 | MEE20001 | Thermodynamics | S1 |
| 20 | MEE20002 | Computer Aided Engineering Mechanical | S1 |
| 21 | MEE20003 | Fluid Mechanics 1 | S1 |
| 22 | MEE20004 | Structural Mechanics | S1 |
| 23 | MEE20006 | Machine Dynamics 1 | S1 |
| 24 | MEE30001 | Materials and Manufacturing 2 | S1 |
| 25 | MEE30002 | Control Engineering | S1 |
| 26 | MEE30003 | Machine Design | S1 |
| 27 | MEE40003 | Machine Dynamics 2 | S1 |
| 28 | MEE40005 | Human Factors | S1 |
| 29 | MEE40050 | Introduction to Building Services Engineering | S1 |
| 30 | MME30001 | Engineering Management 1 | S1 |
| 31 | MME40001 | Engineering Management 2 | S1 |
| 32 | MTH10012 | Calculus and Applications | S1 |
| 33 | MTH10013 | Linear Algebra and Applications | S1 |
| 34 | MTH20010 | Mathematics 3A | S1 |
| 35 | MTH20014 | Mathematics 3B | S1 |
| 36 | PHY10001 | Energy and Motion | S1 |
| 37 | PHY10004 | Electronics and Electromagnetism | S1 |
| 38 | RME30002 | Control and Automation | S1 |
| 39 | RME40003 | Robot System Design | S1 |
| 40 | RME40005 | Final Year Research Project 1 (Robotics and Mechatronics) | S1 |
| 41 | RME40006 | Final Year Research Project 2 (Robotics and Mechatronics) | S1 |

## 2020 School of Engineering Postgraduate Unit Information (Tentative)

| No | Unit Code | Unit Name | T2 = Term 2 (2 Mar-12 Jun) |
|----|-----------|-----------|----------------------------|
| 1 | CSM80003 | Construction Law | T2 |
| 2 | CSM80006 | Engineering Project Management | T2 |
| 3 | RSK80004 | Introduction to Risk and Due Diligence | T2 |
| 4 | ICT80011 | Research Methods | T2 |
| 5 | CSM80051 | Building Information Modelling for Construction Management | T2 |
| 6 | CSM80005 | Engineering Project Control | T2 |
| 7 | MME80001 | Resource Planning and Management | T2 |
| 8 | CVE80001 | Research Paper | T2 |