注：此课程可作为选课参考，具体选课时可咨询相关专业老师。

测控技术与仪器

EG40003 Image System 15 credits

EG32001 Control and Dynamic System 15 credits

ME30001 Engineering Design (part) 15 credits

ME40005 Mechanical Engineering Honours Project 45 credits

信息与计算数学、应用数学

MA41002 Mathematical Biology I 15 Credits

MA41003 Ordinary Differential Equations and their Approximation 15 Credits

MA42003 Partial Differential Equations and their Approximation 15 Credits

MA42002 Mathematical Biology II 15 Credits

MA40001 PTS and Project Work 30 Credits

机械工程及自动化

EG40004 Control and Dynamical System II 15 credits

ME40001 Computer Aided Engineering 15 credits

ME40003 Robotics and Mechatronics 15 credits

ME40005 Mechanical Engineering Honours Project 45 Credits

土木工程

CE40016 Structural System 15 credits

CE40005 Structural Design 15 credits

CE40003 Water Resource and Treatment 15 credits

CE40002 Advanced Soil and Rock Mechanics 15 credits

CE40001 BEng Individual Research Projects 30 credits

生物技术

EG21002 Engineering Design and Communication 20 credits

ME21001 Engineering Software for Mechanical Engineering Design 20 credits

EG22002 Electrical and Mechanical System 20 credits

ME40005 Mechanical Engineering Honours Project 45 credits

物理

EG40003 Image System 15 credits

ME40001 Computer Aided Design and Mechatronics (Part ) 7.5 Credits

ME40003 Robotics and Mechatronics (part) 7.5 credits

RE42003 Remote Sensing 15 credits

ME40005 Mechanical Engineering Honours Project 45 Credits

工业设计

IP41001 Business Innovation for Designers 30 Credits

ME40001 Computer Aided Design and Mechatronics (part) 7.5 Credits

ME40003 Robotics and Mechatronics (Part) 7.5 Credits

ME40005 Mechanical Engineering Honours Project 45 Credits

计算机科学与技术

AC42002 Research Frontier 15 credits

AC41002 Computer Vision 15 credits

AC41006 Secure Ecommerce 15 credits

AC40001 Honours Project 45 credits