

## 2019-20 School of Engineering Graduate Course Availability

*Please consult the Okanagan Academic Calendar and the Student Service Centre for the most up-to-date and accurate information.*

### TERM 1

<b>Course #</b>	<b>Course Name</b>	<b>Term</b>
ENGR502	Technical Communication for Engineering Research	1
ENGR523	Seismic Design of Buildings	1
ENGR532	Project Planning and Control	1
ENGR537	Railway Systems Engineering	1
ENGR542	Engineering and Society	1
ENGR543	Environmental Engineering Laboratory	1
ENGR560	Probability and Random Processes for Engineers	1
ENGR562	Information Theory	1
ENGR568	Advanced Digital System Design	1
ENGR581	Mechatronics	1
ENGR584	Heat and Mass Transfer	1
ENGR592	Microfluidics	1
ENGR598D	Law and Ethics for Engineers	1
ENGR598G	Fracture Mechanics and Fatigue	1
ENGR598Z	Materials and Process for Aero Engines	1

### TERM 2

<b>Course #</b>	<b>Course Name</b>	<b>Term</b>
ENGR502	Technical Communication for Engineering Research	2
ENGR519	Tissue Engineering	2
ENGR522	Advanced Design of Steel Structures	2
ENGR529	Rehabilitation of Concrete Structures	2
ENGR533	Construction Engineering and Management	2
ENGR538	Rock Engineering	2
ENGR546	Biological Treatment Processes	2
ENGR572	Fibre Optics and Photonics	2
ENGR573	Quantum Photonics	2
ENGR582	Finite Element Method	2
ENGR589	Multicriteria Optimization and Design of Experiments	2
ENGR598B	Combustion	2