Course planning schedule for the next four years

Under-graduates

Course Code	Course Title	2019-2020		Summer 2020	2020-2021		Summer 2021	2021-2022		Summer 2022	2022-2023		Summer 2023
		First Semester	Second Semester		First Semester	Second Semester		First Semester	Second Semester		First Semester	Second Semester	
CIIC 3011	Introduction to Computer Programming I	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
CIIC 3075	Foundations of Computing	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
CIIC 3081	Computer Architecture I	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
CIIC 4010	Advanced Programming	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
CIIC 4020	Data Structures	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
CIIC 4025	Design and Analysis of Algorithms	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
CIIC 4030	Programming Languages	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
CIIC 4050	Operating Systems	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
CIIC 4151	Capstone CIIC	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
CIIC 4060	Database Systems	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
CIIC 4070	Computer Networks	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
CIIC 4082	Computer Architecture II	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
CIIC 5045	Automata and Formal Languages	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
INSO 4101	Introduction to Software Engineering	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
INSO 4115	Software Requirements	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
INSO 4116	Software Design	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
INSO 4117	Software Testing	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐
INSO 4151	Software Engineering Project I	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
CIIC 4995	Engineering Practice for COOP Students	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
INSO 4995	Engineering Practice for COOP Students	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
CIIC 4998	Undergraduate Research in CSE	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
INSO 4998	Undergraduate Research in SWE	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐
CIIC 5015	Artificial Intelligence	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐
CIIC 5017	Operating Systems and Network Administration	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
CIIC 5018	Cryptography and Network Security	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
CIIC 5019	High-Performance Computing	☒	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
CIIC 5029	Compilers Development	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐
CIIC 5110	Bioinformatics Algorithms	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
CIIC 5120	Virtual Machines	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
CIIC 5130	Cloud Computing Infrastructures	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐
CIIC 5140	Big Data Analytics	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐
INSO 5111	Introduction to Human-Computer Interaction	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐
INSO 5118	Software Engineering Project Management	☒	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
CIIC 5995	Selected Topics in CSE	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
INSO 5995	Selected Topics in SWE	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒