Wright State University

College of Engineering and Computer Science

Department of Computer Science & Engineering

Bachelor of Science
COMPUTER SCIENCE
2nd Degree

Name & UID

Term One, Fall	Credit Hours	Pre-Requisites
CS1181 Comp Sci II*	4	CS1180, (MTH1280 or Level 40)
CEG2350 OS Concepts & Usage	4	CS1180 or CS1160 or CEG2170
CS/CEG Technical Elective, 3000 level	3	CS1180 or CS1160 or CEG2170 or CS1150
EGR3350 Tech Comm Eng/Sci or ENG 2140	3	ENG1100
Total Hours	14	

Term Two, Spring	Credit Hours	Pre-Requisites
CEG3310 Comp Org*	4	CS1181*
CS/CEG Technical Elective, 3000 level	3	CS1180 or CS1160 or CEG2170
MTH 2530 Elementary Linear Algebra	3	MTH 2300
CS 2210 Logic for Computer Scientists	3	MTH 2570 or CS 2200
MTH 2570 or CS 2200 Discrete Math	4	MTH 1280
Total Hours	17	

Term Three Summer	Credit Hours	Pre-Requisites
CS3100 Data Structures & Algorithms*	3	CEG3310, CEG2350, (MTH2570 or CS2200*)
ISE 2211 or STT 3600 Statitstics and Probablility	3	MTH 2300
Paid Internship- The department will assit with internship placement. Students will need to interview and be accepted by employer.		
Total Hours	6	

Term Four, Fall	Credit Hours	Pre-Requisites
CEG 4980 Team Projects II	3	Senior Standing in Major
CS/CEG 4000 level Tech Elective	3	EGR3350
CEG4110 Intro to Software Engineering	3	varies by course
CEG 4350 Operating Systems Internals and Design	3	CS 3100 , CEG 3310
CS or CEG Tech Elective 4000 level	3	varies by course
Total Hours	15	

Term Five Spring	Credit Hours	Pre-Requisites
CEG 4981 Team Projects II	3	CEG 4980
CS 3180 Comparitive Languages	3	CS 3100
CS or CEG Tech Elective 4000 level	3	varies by course
CS or CEG Tech Elective 4000 level	3	varies by course
CS or CEG Tech Elective 4000 level	3	varies by course
Total Hours	15	

Program Total Hours: 67

Before gaining admission to the program, CS 1180 or equivalent course must be completed with minimum grades of C.

Assume completion of Core, Calculus I and II, and 3 science courses for engineers or science majors.

Computer Science or Computer Engineering Tech Electives: (21 hours)

Upper Level (15 hours)

4000 level courses from CS or CEG

Notes:

1 Technical Electives: Some technical electives require additional pre-requisites please check specific course dcriptions.

2 MTH2570 or CS2200 is the entry level math course for the BS degree program. Pre-requisite math courses may be necessary for students with math skills below this level.

3 Senior standing is required to enroll in CEG4980

4 General Elective courses may be any course taken for credit and for a grade. KNH courses are excluded

Revised Summer 2016