Meet your HoD

ABDULLA K. AL-ALI

27/1/2021

Agenda

Few words

Specializations
CS
CE

Naming and job rank/opportunities

Processes

State of department: faculty, programs, hiring

Website

Q&A

Your HoD

- Computer Engineering, PhD

- Northeastern University graduate

- Areas of research: Telecommunications, Cyber-Physical security

- Love teaching and the environment at QU!

- Pandemic related

Your Program Coordinator

◦ Academic Consultations such as discussing academic suggestions and feedback

◦ Provide clarifications about the study plan

◦ Advise on the scientific content of courses

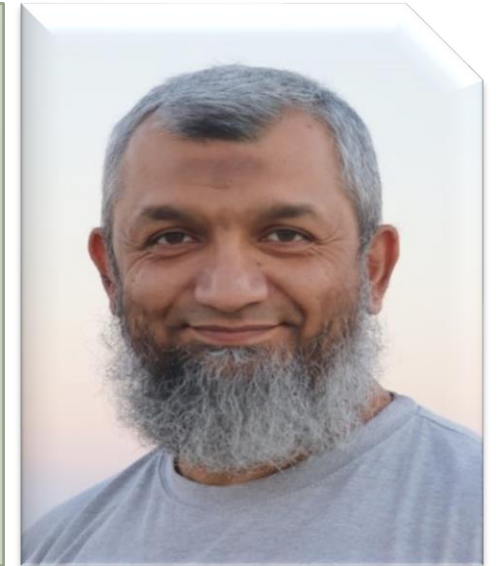◦ Overseeing CS & CE curriculums + ABET accreditation

Dr. Abdelkarim Erradi

Computer Science
Coordinator

Dr. Uvais Qidwai

Computer Engineering
Coordinator

Your Academic Advisers (CE & CS Female)

Eng. Reem Aldisi

raldisi@qu.edu.qa
Phone: 4403-7374
Book Appointment

Eng. Wassen Mohammad

wmohammad@qu.edu.qa
Phone: 4403-7375
Book Appointment

Eng. Nora Al-Yafeai
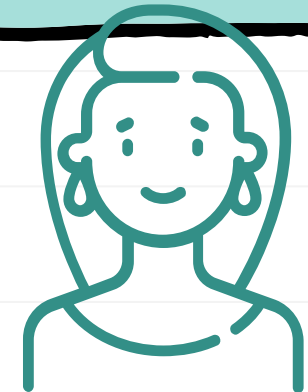
nalyafeai@qu.edu.qa
Phone: 4403-7902
Book Appointment

- **Who is my Adviser** @ https://stu.qu.edu.qa/StudentSelfService/ssb/studentProfile
- **Book Appointment** @ https://myadvisor.qu.edu.qa/ramonline

Your Academic Advisers (CE & CS Male)

Eng. Hanaa Dawoud
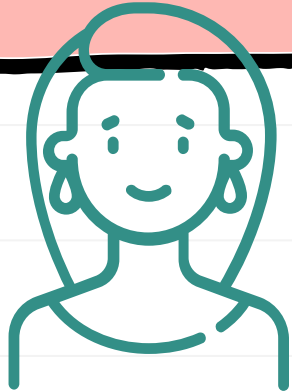
hanadawoud@qu.edu.qa
Phone: 4403-7376
Book Appointment 🔗
(CE - Male)

Eng. Rand Elshorafa

rand@qu.edu.qa
Phone: 4403-7377
Book Appointment 🔗
(CS - Male Junior & Senior)

Eng. Saloua Askari

askri.saloua@qu.edu.qa
Phone: 4403-6379
Book Appointment 🔗
(CS – Male Freshmen & Sophomore)

- **Who is my Adviser** @ https://stu.qu.edu.qa/StudentSelfService/ssb/studentProfile
- **Book Appointment** @ https://myadvisor.qu.edu.qa/ramonline

How can my advisor help me?

- Discuss my Study Plan and my Academic Progress.
- Discuss my Registration and help me in any registration issues I face.
- Discuss my Academic Standing, and GPA.
- If I have any academic issue or any other issue I want to discuss.

When do I book an appointment?

- Discuss study plan
- Academic progress
- Academic issues
- Registration issues
- GPA and standing

Whom to contact for assistance?

Course Registration Issues

- Contact your academic advisor

- Adviser forwards requests to the department

Complaints

1. Instructor

2. HoD

3. Assistant Dean of Student Affairs office (adsa-eng@qu.edu.qa)

Technical issues

1. Contact your lab TA

2. Eng. Suchithra (suchithra@qu.edu.qa)

Want to graduate on time?

Two Important Tips
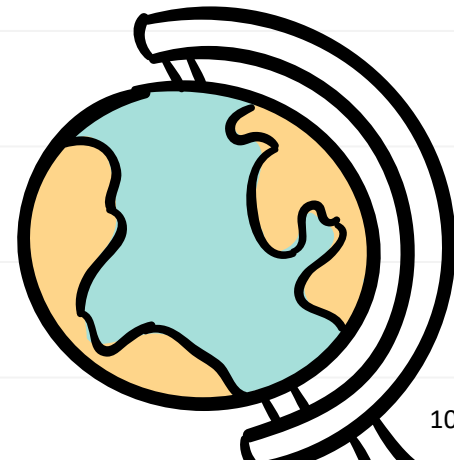
Register desired courses early

Follow your Study Plan

EARLY REGISTRATION

4th.April.2021

Check that you have no holds on your system

Prepare your class schedule and alterantives beforehead

Make sure you pay your fees

Specializations

COMPUTER ENGINEERING
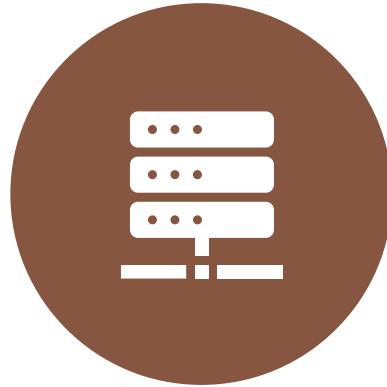
COMPUTER SCIENCE

COMMON THINGS BETWEEN
THE TWO PROGRAMS

Computer Science

Focus on software

- Programming
- Web development
- Mobile applications
- Algorithms
- Databases

Areas to specialize

- Artificial Intelligence
- Social Networks
- Web and app development
- Video games and virtual reality
- Cyber security*

CS Study plan

Department of Computer Science & Engineering — Pre-requisite Structure Computer Science Program - 2017. Total Credit Hours =(120), Total No. of Courses =(41). Qatar University.

Computer Engineering

Combination of hardware and software

- Electric circuits and digital logic
- Computer architecture, CPU architectures
- Programming and interfacing hardware components
- Networks and communications

Areas to specialize:

- Robotics
- IoT, UAVs
- Networks and communications
- Embedded systems
- Cyber security*

CE Study plan

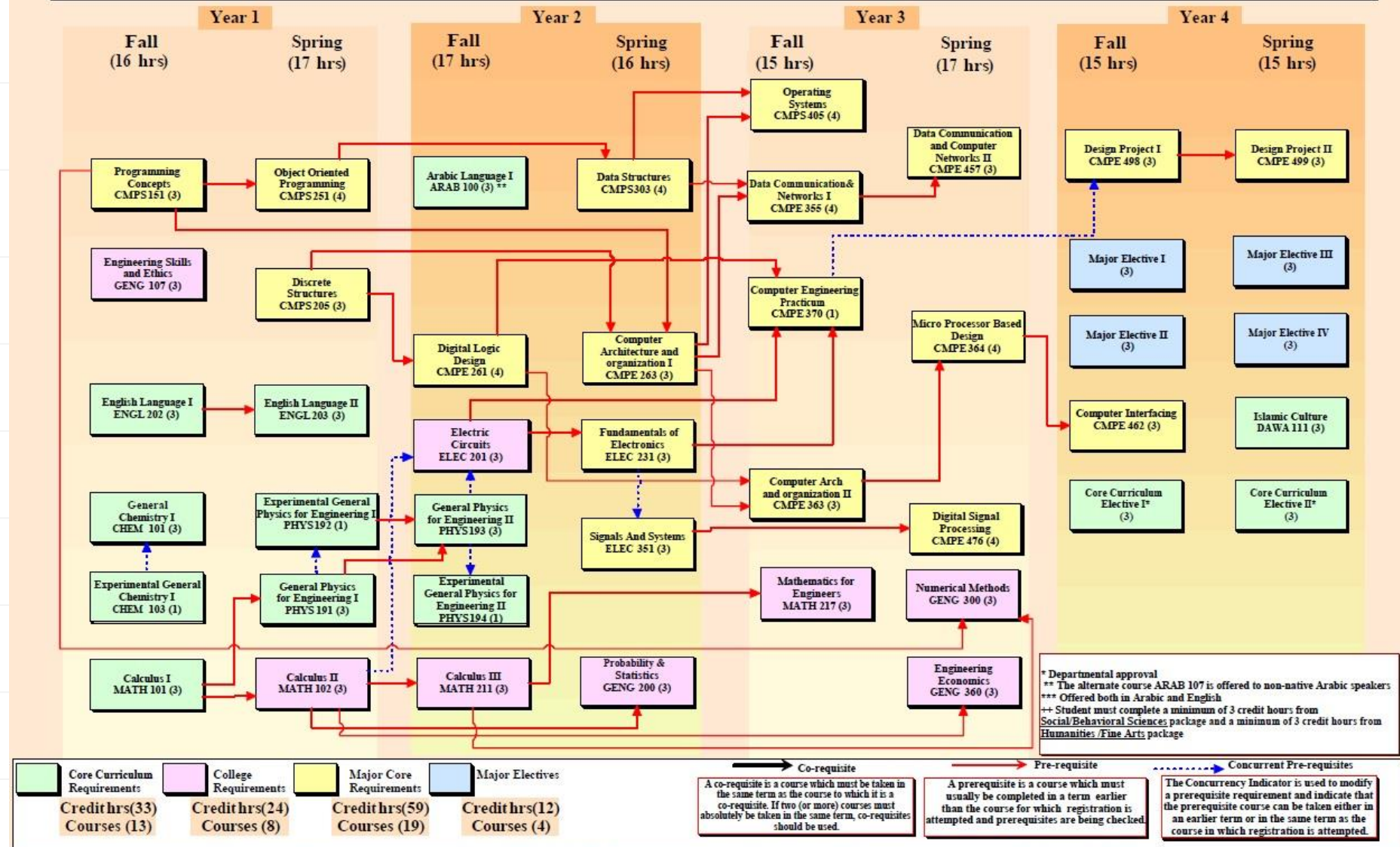# Job market

CS - Student outcomes

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.

CE - Student Outcomes

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply the engineering design process to produce solutions that meet specified needs with consideration for public health and safety, and global, cultural, social, environmental, economic, and other factors as appropriate to the discipline.
3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
4. An ability to communicate effectively with a range of audiences.
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
6. An ability to recognize the ongoing need for additional knowledge, to choose appropriate learning strategies, and to apply this knowledge.
7. An ability to function effectively as a member or leader of a team that establishes goals, plans tasks, meets deadlines, and creates a collaborative and inclusive environment.

Employment ranks

ثانيا: المؤهلات العلمية المتخصصة في مجالات (الهندسة/ الطب البيطري/ الحاسب الآلي)

| | بكالوريوس | | ماجستير | | دكتوراه | | |
المؤهل العلمي	كلية	بينية	كلية	بينية	كلية	بينية	الدرجة المالية
	١٧	٤	١٧	٤	١٦	٤	الأولى
	١٣	٤	١٣	٤	١٢	٤	الثانية
	٩	٣	٩	٣	٨	٣	الثالثة
	٦	٣	٦	٣	٥	٣	الرابعة
	٣	٣	٣	٣	٢	٢	الخامسة
	حديث (بداية ربط)		حديث (متوسط ربط)		حديث (متوسط ربط)		السادسة

http://www.mme.gov.qa/pdocs/cview?siteID=1&docID=5856&year=2014

Current state

Few shortages in faculty (CE particularly)

Larger number of students recently

We're hiring for TA position !

New programs in the pipeline. We will send you surveys to seek your input

CSE Blog and Wiki

- News & Events http://blogs.qu.edu.qa/cse

- Wiki (FAQ, forms, policies)
http://blogs.qu.edu.qa/cse/wiki

Q&A

Poll about communication medium for news/surveys/competition announcements/events

http://etc.ch/4NLR

Few questions from survey

- Why python?

- Local competitions.

- Senior projects selection of supervisor

- New building?

- Back to campus time?