

**Subject:** SCIS 2019-2020 Undergraduate CS Program Assessment

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**Date:** Thu, August 29, 2019 12:25 pm

**To:** faculty@cis.fiu.edu

**Priority:** Normal

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Dear colleagues,

As you all know, the School of Computing and Information Sciences systematically evaluates its BS in CS program. This program assessment is used to identify ways to improve the quality of the program and to implement appropriate changes to the program. The results of this assessment directly feed into our ABET Self-Study Report.

The Subject Area Coordinators in consultation with the faculty and the SCIS Assessment Director will review the subject areas and propose changes, if any, to the undergraduate committee in this assessment cycle, based in part on both direct and indirect assessments gathered from Summer 2017 to Spring 2019. Some subject areas have been slightly revised from previous years, and with our changing curriculum, a new Subject Area (Applications) is introduced.

Below is the list of our subject areas, the required and elective courses they include, and their respective coordinators for the B.S. in Computer Science Program.

AREAS:

Programming: COP-2210, COP-3337, COP-3530, COP-4338, COP-4226, COP-4520.

Software Engineering: CEN-4010, CEN-4021, CEN-4072, CIS-4911, IDS-4918.

Computer Organization: CDA-3103, CDA-4101, CDA-3XXX (coming in spring 2020), COP-4610, CNT-4713.

Computer Systems: CAP 4612, CAP-4710, CAP-4770, CEN-4083, COP-4604, COP-4710, COP-4722.

Applications: CAP 4104, CAP 4453, CAP 4630, CAP 4641, CDA 4625.

Foundations: MAD-2104, COT-3100, COT-3541, MAD-3512, COP-4555, CAP-4506, COP-4534, COT-4521, Math Electives

Professional Development: CGS-1920, CGS-3095, ENC-3249

Other: STA-3033 PHY-2048/9, Science Electives

COORDINATORS:

Programming:

Tim Downey

Software Engineering:

Masoud Sadjadi

Computer Organization:

Nagarajan Prabakar

Computer Systems:

Jason Liu

Applications:

Mark Finlayson

Foundations: Xudong He  
Professional Development: Richard Whitaker

CS TIMELINE

Oct 25 --- Area Coordinator reports are submitted to the Assessment Coordinator (Jai Navlakha)

Dec 15 --- Assessment Coordinator's report is submitted to SCIS Undergraduate Committee

Feb 10 --- SCIS Undergraduate Committee submits program changes (if any) to the faculty

Mar 13 --- Faculty Meeting to discuss the proposed curriculum changes; as many meetings as needed to achieve consensus and to allow submission of approved changes to College Curriculum Committee.

Submission of any approved catalog changes to College Curriculum Committee and University Curriculum Committee occurs in Fall 2020, for 2020-21 Bulletin #1.

Thanks and best regards,  
---Shu-Ching