

Approval Chart for Curriculum Changes

A = Approval

I = Information*

Course Number _____ or Degree Plan(s) Computer Science

State the requested change and reason. A memo may be attached if more space is necessary.

1. Adopt common SITC courses (ITC 110, 460); delete CS 111.
2. Adjust core major requirements to offer more flexibility in major selections (and concentrations) to respond to student interests.
3. Adjust computing theory concentration to meet ABET requirements.
4. Create game development concentration to create a more direct path for game programmers.

See attached.

Circle the number that corresponds to the requested change. Degree plan changes are on the second page.

COUNCIL**

	Change to a Course	Dept./School	College Academic	Deans	TEC	UGEC	UUAC	GRAD	Provost	President
1.	Title (description unchanged)	A	A	A		I			I	I
2.	Description (not affecting content)	A	A	A		I			I	I
3.	Content (substantive change)	A	A	A		I			A	A
4.	Number of hours (lecture, lab, contact)	A	A	A		A			A	A
5.	Course number within the hundred	A	A	I		I			I	I
6.	Course number beyond the hundred	A	A	A		A			A	A
7.	Prerequisites	A	A	A		I			I	I
8.	Course fee(s)	A	--	A		--			A	I
9.	From U to G or G to U	A	A	A		A			A	A
10.	Cross list with another dept: U or G level	A	A	A		A			A	A
11.	Department of record	A	A	A		A			A	A
12.	Open or close a course	A	A	A		A			A	A
13.	New course — See Adams Center for packet. This change includes combining or splitting a course(s).	A	A	A		A			A	A

* Councils may request additional information about "Information" items. These items are approved as "Consent Agenda."

**Courses offered only to students seeking teacher certification must go through the Teacher Education Council.

Note: When an academic unit does not have a council, the UGEC and/or UUAC will serve as its academic council, depending on the nature of the issue.

Approval Chart for Curriculum Changes

A = Approval I = Information

	Change to a Degree Plan	Dept./School	College Academic	Deans	TEC	COUNCIL			Provost	Faculty	President
						UGEC	UUAC	GRAD			
1.	University Requirements — Change in approved course content**	A	A	A		A			A	--	A
2.	University Requirements — Add or drop a required course from the University Requirements chart**	A	A	A		A			A	A	A
3.	University Requirements — Add or drop a course from a menu within the University Requirements**	A	A	A		A			A	--	A
4.	University Requirements — Change hours within a menu on the University Requirements chart**	A	A	A		A			A	A	A
4.	Major — Revision of major ♦ ‡	A	A	A		A			A	--	A
5.	Major — Adopt or change admission requirements	A	A	A		A			A	--	A
6.	Major — Add or discontinue	A	A	A		A			A	A	A
7.	GPA — Revise major or cumulative requirement	A	A	A		A			A	A	A
8.	Minor — Revise course selection	A	A	A		I			I	--	I
	Minor — Add or discontinue	A	A	A		A			A	--	A
9.	Degree — Add or discontinue	A	A	A		A			A	A	A
10.	Any change to a graduate degree program*	A	A	A		A			A	--	A

♦ A minimum of 30 hours is required for a major. A maximum is specified for each degree (e.g., BA, BS). The university minimum for elective hours is 6, unless the requirements of external accrediting bodies make it impossible.

‡ Program or course changes applying to any major that includes Teacher Certification will be reviewed by the college, the Teacher Education Council (TEC), and then the UUAC.

* All graduate degree plan changes must go through the Graduate Council.

** Courses that satisfy ACU's University Requirements (General Education) will normally have lower-level numbering, be free of prerequisites and corequisites, appeal to more than one or two majors, and "not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession" (SACS 2.7.3). Departments may request exceptions to the first three criteria.

Note: The Board of Trustees is informed when a major or degree is added or discontinued.

Revised 4-18-12

Approval Chart for Academic Information Changes

	Change to the Catalog	Dept./School	College Academic	Deans	UGEC	UUAC	GRAD	Provost	Faculty	President	Board of Trustees
1.	General requirements for graduation including course requirements that are common to all majors for all degrees*	--	--	--		A		A	A	A	--
2.	Admission requirements	--	--	--		A		A	A	A	--
3.	Policies governing academic probation and suspension	--	--	--		A		A	A	A	--
4.	Requirements for graduating with honors	--	--	--		A		A	A	A	--
5.	Other academic policy changes	--	--	--		A		A	--	A	

* The UUAC approved the clarification that "general requirements for graduation" means the seventeen items in the "General Requirements for Bachelor's Degrees" section of the catalog.

Revised 3-2-11

Curriculum/Catalog Changes Signature Page

Department/School Chair(s)	
<u>Brian Wain</u>	<u>12/10/12</u>
Signature	Approval date
_____ Signature	_____ Approval date

College Academic Council(s)	
<u>David Fabin</u>	<u>1-15-13</u>
Signature	Approval date
_____ Signature	_____ Approval date

Dean(s)	
<u>Monty L. Lyle</u>	<u>12/11/12</u>
Signature	Approval date
_____ Signature	_____ Approval date

Teacher Education Council	
_____ Chair's signature	_____ Approval date

General Education Council	
_____ Chair's signature	_____ Approval date

Undergraduate Academic Council	
_____ Chair's signature	_____ Approval date

Graduate Council	
_____ Chair's signature	_____ Approval date

Provost	
_____ Signature	_____ Approval date

Faculty	
_____ Chair of faculty senate	_____ Approval date

President	
_____ Signature	_____ Approval date

MAJOR REQUIREMENTS	30
CS 120 Programming I	3
CS 130 Programming II: Data Structures	3
CS 220 Computer Organization and Single-User Systems	3
CS 230 Object-Oriented Programming	3
CS 332 Design and Analysis of Algorithms	3
CS 374 Software Engineering	3
IT 220 Introduction to Databases and DBMS	3
IT 221 Fundamentals of Networking and Data Communications	3
ITC 110 Intro to Information, Technology & Computing	3
ITC 460 Managing Technical Projects	3

MAJOR SELECTION OR CONCENTRATION	30
Advanced CS electives	12
Advanced CS, IT, DET, ITC, Math; IS 405	9
CS, IT, DET, IS, ITC, MATH or specified set from support area: Business/Entrepreneurship, Math, Biology, Chemistry, Engineering, Physics	9

Selections may be used toward one of the following concentrations:

Computing Theory	30
CS 341 Numerical Methods	3
CS 352 Programming Languages	3
CS 355 Compiler Construction	3
CS 356 Operating Systems	3
CS 365 Theory of Computation	3
CS 495 Senior Seminar (may substitute for ITC 460 above)	(3)
Select 3 hours from: CS 320, 420, 467, 474 or ITC	3
MATH 186 Calculus II	3
MATH 187 Calculus Computer Laboratory	1
Select 6 hours from: MATH 286, 325, 334, 361, 432	6
Select 8 hours from: CHEM 131, 132, 133, 134; PHYS 110, 111, 112, 113	(8)*
*up to 6 hours may count toward general education requirements	

Game Development	30
DET 210 Intro to Digital Entertainment	3
DET 310 DET 2	3
DET 350 Game Development	3
DET 410 DET 3	3
CS 330 Human-Computer Interface	3
CS 474 Object-Oriented Design	3
Select 6 hours from: CS 315, 316, 381, 467	6
Select 6 hours from: CS, DET, IT, ITC, Math, IS 405	6

Software Engineering	30
CS 315 Mobile Computing 1	3
CS 320 Database Programming and Design	3
CS 355 Compiler Construction	3
CS 474 Object-Oriented Design	3
IT 225 Web Development 1	3
Select 6 hours from: CS 316, 330, 352, 341, 381; IT 325	6
Select 9-hour block from following choices:	9
* MGMT 305, 430, 432 (Entrepreneurship) or Business	
* DET 210, 310, 350	
* Any 3 from CS 300+; IS 405; IT 330, 410, 420; ITC	

SUPPLEMENT FOR MAJOR

MATH 185	Calculus I
MATH 227	Discrete Mathematics
MATH 377	Statistical Methods

6
(3)
3
3

ELECTIVES

6
