Program Change Request

Date Submitted: 10/15/18 11:08 pm

Viewing: **BA-COMP : Computing - BA**

Last approved: 04/17/18 1:51 pm

Last edit: 11/08/18 8:00 pm

Changes proposed by: furuta

Catalog Pages Using this Program	[Computing - BA](#)

Contact(s)

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Academic level	Undergraduate
Effective Term	2019-2020
Department	Computer Science & Engineering
College	Engineering
Program type	Degree
Degree designation	BA - Bachelor of Arts
With a major in	Computing (COMP)
Associated Program	**Not Applicable**
Catalog Program Title Computing - BA	
CIP and Fund code	11070100

Rationale for Proposal

Changes based on a routine curriculum review; to remove dependency on ENGR 482; to reflect ICD/CD change. ~~The Bachelor of Arts degree with a major in Computing will provide students with the opportunity to obtain computer science (CS) knowledge and skills to be coupled with their non-CS interests in non-engineering areas such as science, liberal arts, etc.The degree will allow students to build up strong computational fundamentals to custom-fit to their domains of interest that require such skills.The degree program is designed to provide flexibility in the choice of courses, both in CS and in their domain of interest, so that students, after graduation, can have a broader range of career options, both in the industry and in academia that is increasingly demanding interdisciplinary talent.~~

Program hours	120
Is this program eligible for financial aid?	Yes
Will program hours change (increase/decrease)	**No**

Approval Path

1. 10/16/18 6:03 am Scott Schaefer (schaefer): Approved for CSCE Department Head
2. 10/18/18 4:49 pm Angel Mario Carrizales (carri1214): Approved for Curricular Services Review
3. 10/22/18 5:27 pm Eileen Hoy (ehoy): Approved for EN Committee Preparer UG
4. 10/22/18 9:05 pm Prasad Enjeti (enjeti): Approved for EN Committee Chair UG
5. 10/23/18 10:06 am Prasad Enjeti (enjeti): Approved for EN College Dean UG
6. 11/06/18 9:15 am Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 12/10/18 11:17 am Terra Bissett (t.bissett): Approved for UCC Chair

History

1. Apr 17, 2018 by Scott Schaefer (schaefer)

due to the proposed
curriculum changes?

Program delivery mode   On-campus

Catalog Program Requirements

Course List

Code	Title	Semester Credit Hours
Select one of the following:		**4**
CSCE 110	Programming I	
CSCE 111	**Introduction to Computer Science Concepts and Programming**	
CSCE 206	**Structured Programming in C**	
CSCE 121	Introduction to Program Design and Concepts	4
CSCE 181	Introduction to Computing	1
CSCE 221	Data Structures and Algorithms	4
CSCE 222/ECEN 222	Discrete Structures for Computing	3
CSCE 312	Computer Organization	4
CSCE 313	Introduction to Computer Systems	4
CSCE 314	Programming Languages	3
CSCE 315	Programming Studio	3
CSCE 481	Seminar	1
CSCE 482	**Senior Capstone Design**	**3**
Select one from the following:		3
STAT 211	Principles of Statistics I	
STAT 301	Introduction to Biometry	
STAT 302	Statistical Methods	
STAT 303	Statistical Methods	
Prescribed electives 1		9
Concentration electives 2		29
College and University Requirements		
ENGL 104	Composition and Rhetoric	3
or ENGL 103	or Introduction to Rhetoric and Composition	
COMM 203	Public Speaking	3
or COMM 205	or Communication for Technical Professions	
~~COMM 205~~	~~Communication for Technical Professions~~	
Select one from the following:		3
ENGL 203	Writing about Literature	
ENGL 210	Technical and Business Writing	
~~Literature in English~~		~~6~~
ENGL 241	**Advanced Composition**	
COMM 243	Argumentation and Debate	
Select one from the following:		3
MATH 131	Mathematical Concepts—Calculus	
MATH 142	Business Calculus	
MATH 147	Calculus I for Biological Sciences	
MATH 151	Engineering Mathematics I	
MATH 171	Analytic Geometry and Calculus	
Select one from the following:		3
MATH 141	Finite Mathematics	
MATH 148	Calculus II for Biological Sciences	
MATH 152	Engineering Mathematics II	
MATH 172	Calculus	
PHIL 240	Introduction to Logic	
Life and physical sciences		9
~~PHIL 482/ENGR 482~~	~~Ethics and Engineering~~	~~3~~
Language, philosophy and culture		**3**
Creative arts		3
Social and behavioral sciences		3
American history		6
Government/Political science		6
Total Semester Credit Hours		120

1   Select from CSCE 310, CSCE 400-470, CSCE 489

2   To be selected in consultation of with major advisor.

All CSCE courses (excluding the prescribed **electives and** **CSCE 482** ~~electives)~~ require a grade of C or better.

Additional information	~~This request is being restarted for routing by Trez Jones, CEHD.CEHD is providing support for the degree but continues to express concerns that majors outside CSCE are required to take mathematics and literacy in mathematics >= MATH 308 and this course of study does not include a required calculus based derivative for students in the program that are eligible for study into upper division courses.If anybody can take > 300-400 level CSCE courses, why require your own majors to take unnecessary math outside your college > the elective requirements listed in this major?~~
Required Proposal Forms	~~3-suppl1-labor-stat.pdf~~ ~~3-suppl2-thecb-majors.pdf~~ ~~3-suppl3-course-sequence.pdf~~ ~~BA-COMP-memo.pdf~~ ~~5 - ProgramChecklist.docx~~ ~~6 - Degree-Evaluation-Template.docx~~ ~~Program_Funding_Estimation_Tool - BA COMP.xlsx~~ ~~System Proposal - BA in Computing 5-12-17.docx~~ ~~Agenda Item - BA in Computing 5-12-17.docx~~ ~~THECB Certification - BA in Computing 5-12-17.docx~~ ~~Email - BA in COMP.pdf~~ ~~Email (INFO) - BA in COMP.pdf~~ ~~BA_Computing.pdf~~ ~~PresidentApprovalFacultySenateItems091117.pdf~~ ~~FS_35_043 BA in Computing MKY approval 2017Oct03.pdf~~ ~~BA in Computing 50-mile notice 2017Oct09.pdf~~ ~~BA in Computing Submission to BOR and THECB 2017 Oct 10.pdf~~ ~~TAMU BA in Computing FINAL.pdf~~ ~~BA in Computing [rec'd status at THECB] 2018March12.pdf~~ ~~THECB Approval 20451_BA Computing.pdf~~ ~~BA in Computing Notice of Approval 2018April02.pdf~~ **Scan from TAMU__Comp Sci Dept comp 2019 dp.pdf**
Reviewer Comments	**Angel Mario Carrizales (carri1214) (10/18/18 11:00 am):** Edits made to conform to catalog style guidelines. **Terra Bissett (t.bissett) (12/10/18 11:17 am):** UCC approved December 2018.

Key: 780

Detail Requirements

Viewing: Degree Evaluation (DEGEVAL, , Email)
Change Student
Return to Graduate Committee Student Selection

Information for Degree Evaluation

This is NOT an official evaluation.

Print Instructions

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Limitation No more than 50% of courses required for the degree plan can be taken as Distance Education Courses for non-distance degree programs.

Limitation Only one of the following will satisfy the requirements for a degree: GENE 301, GENE 302, GENE 315 and GENE 320.

Limitation Only one of the following will satisfy the requirements for a degree: MATH 131, MATH 142, MATH 147, MATH 151 and MATH 171.

Limitation Only one of the following will satisfy the requirements for a degree: MATH 140, MATH 141 and MATH 166.

Limitation Only one of the following will satisfy the requirements for a degree: MATH 148, MATH 152 and MATH 172.

Limitation Only one of the following will satisfy the requirements for a degree: MATH 221, MATH 251 and MATH 253.

Limitation Only one of the following will satisfy the requirements for a degree: MATH 304, MATH 309, MATH 311 and MATH 323.

Limitation Only one of the following will satisfy the requirements for a degree: STAT 301, STAT 302 or STAT 303.

Program :	BA COMP	**Catalog Term :**	Fall 2018 - College Station
Campus :	College Station	**Evaluation Term :**	Fall 2018 - College Station
College :	Engineering	**Expected Graduation Date :**	
Degree :	Bachelor of Arts	**Request Number :**	26
Level :	Undergraduate	**Results as of :**	Oct 12, 2018
Majors :	Computing	**Minors :**	
Departments :	Computer Science & Engineering	**Concentrations :**	

	Met	Credits		Courses	
		Required	**Used**	**Required**	**Used**
Total Required :	No	120.000	0.000		0
Program GPA :	Yes	.00	.00		
Overall GPA :	No	2.00	.00		
Other Course Information					
Transfer :			0.000		0

This is NOT an official evaluation.

Area : Major Coursework (34.000 credits) - Not Met

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	CSCE 110 or 111 4hrs or CSCE 206		
			Must make a grade of 'C' or better.		
No	AND	B.	CSCE 181 1hr		
			Must make a grade of 'C' or better.		
No	AND	C.	CSCE 121 4hrs		

			Must make a grade of 'C' or better.

Met	Condition	Rule	Subject
No	AND	D.	CSCE 221 4hrs
			Must make a grade of 'C' or better.
No	AND	E.	CSCE 222 3hrs
			Must make a grade of 'C' or better.
No	AND	F.	CSCE 312 4hrs
			Must make a grade of 'C' or better.
No	AND	G.	CSCE 313 4hrs
			Must make a grade of 'C' or better.
No	AND	H.	CSCE 314 3hrs
			Must make a grade of 'C' or better.
No	AND	I.	CSCE 315 3hrs
			Must make a grade of 'C' or better.
No	AND	J.	CSCE 481 1hr
			Must make a grade of 'C' or better.
No	AND	K.	~~Statistic Rqmt 3hrs~~ Statistics Rqmt 3hrs
			Must make a grade of 'C' or better.
			Select from STAT 211, 301, 302, 303.

Total Credits and GPA   0.000   .00

unofficial evaluation

41 credits

Area: **Supporting Coursework (~~38.000~~ credits) - Not Met**

Met	Condition	Rule	Subject Attribute Low High	Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Prescribed Electives 9hrs			Select from CSCE 310, 400-479, 489
			Select from ~~CSCE 310, 410, 411, 420, 431, 433-436, 438, 440-445, 451, 452, 456, 462-465, 469, 470, 482, 483, 489~~			
No	AND	B. (C.)	~~Free Electives 29hrs~~ Concentration Electives 29hrs			B. CSCE 482 3hrs
			To be selected in consultation ~~of~~ with major advisor			

Total Credits and GPA   0.000   .00

unofficial evaluation

9 credits

Area: **Communication (~~12.000~~ credits) - Not Met**

Met	Condition	Rule	Subject Attribute Low High	Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	ENGL 104 3hrs or ENGL 103			
			Must have a grade of 'C' or better.			
No	AND	B.	~~Communication Rqmt 3hrs~~ B. Written Communication Requirement 3 hrs Select from ENGL 203, 210, 241			
			~~Select from ENGL 203, 210, COMM 203, 205, 243.~~			
No	AND	C.	~~Literature Requirement 6hrs~~			
			~~Select from the following courses: AFST 204, 205, 329, 339, 379, 393; ENGL 202-206, 212, 219, 221, 222, 227, 228, 231, 232, 313-317, 321-323, 329-331, 333, 334, 336-340, 350, 352, 356, 357, 360-362, 365, 372-379, 390-394, 396, 412, 414, 415, 451, 474; FILM 356; HISP 362; MODL 221, 222; RELS 392; WGST 333, 374, 474.~~			
			C. Spoken Communication Requirement 3hrs Select from COMM 203, 205, 243			

Total Credits and GPA   0.000   .00

unofficial evaluation

Area: **Mathematics (6.000 credits) - Not Met**

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Mathematics Rqmt I 3hrs		
			Select from MATH 131, 142, 147, 151, 171.		
No	AND	B.	Mathematics Rqmt II 3hrs		
			Select from MATH 141, 148, 152, 172; PHIL 240.		
					Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Life and Physical Sciences (9.000 credits) - Not Met

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Life/Physical Sciences 9hrs		
			Select 9 hours from any courses with the Life and Physical Sciences attribute [KLPS].		
					Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Language, Philosophy & Culture (3.000 credits) - Not Met

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	~~ENGR 482 3hrs~~		
					Total Credits and GPA 0.000 .00

Language, Philosophy & Culture Requirement 3hrs
Select three hours from any course with the Language, Philosophy & Culture attribute
unofficial evaluation   [KLPC].

Area : Creative Arts (3.000 credits) - Not Met

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Creative Arts Requirement 3hrs		
			Select three hours from any course with the Creative Arts attribute [KCRA].		
					Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Social and Behavioral Sciences (3.000 credits) - Not Met

Met	Condition	Rule	Subject Attribute Low High Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Social Science Rqmt 3hrs		
			Select from courses with the Social and Behavioral Science attribute [KSOC].		
					Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Citizenship (12.000 credits) - Not Met

Description : Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	American History Rqmt 6hrs													

Select from any course with the [KHIS] attribute.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No	AND	B.	Political Science Rqmt 6hrs													

Take POLS 206 and POLS 207.

										Total Credits and GPA	0.000	.00

unofficial evaluation

Area : **Work Not Applied - Met**

Description : See advisor for acceptable substitutions.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Courses not applied													

										Total Credits and GPA	0.000	.00

unofficial evaluation

Area : **Univesity Writing Req - Not Met**

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Writing Requirement													

Two courses required.
Only sections of CSCE with the Writing attribute [UWRT] or the Oral Communication [UCRT] attribute may be used to satisfy this requirement.

										Total Credits and GPA	0.000	.00

unofficial evaluation

Area : **Int'l & Cult Diversity - Not Met**

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Int'l & Cultural Diversity 6hr		3hr											

Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).

B. Cultural Discourse 3hr

										Total Credits and GPA	0.000	.00

unofficial evaluation

Area : **Foreign Language - Not Met**

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
No		A.	Foreign Language Rqmt													

Complete one of the following:
1. Two years of the same foreign language in High School.
2. A two semester sequence of the same foreign language for University credit.

										Total Credits and GPA	0.000	.00

unofficial evaluation

Area : **Residence Requirement - Not Met**

Description A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.
:

Met	Condition	Rule	Subject Attribute Low High	Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Residence-Major 12hrs			
			Select from CSCE 300-499.			
No	AND	B.	Residence 300-499 24hrs			
			Select any courses level 300-499.			

Total Credits and GPA   0.000   .00

unofficial evaluation

Area **GPR-Major - Not Met**
:

Met	Condition	Rule	Subject Attribute Low High	Required Credits	Required Courses	Term Subject Course Title Attribute Credits Grade Source
No		A.	Major GPR 34+hrs			
			Includes CSCE 100-499			

Total Credits and GPA   0.000   .00

unofficial evaluation

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