

Program Change Request

Date Submitted: 03/05/19 3:59 pm

Viewing: **MINOR-STAT : Statistics - Minor**

Last approved: 09/16/16 2:03 pm

Last edit: 03/12/19 8:16 am

Changes proposed by: twehrly

[Statistics - Minor](#)

Catalog Pages
Using this Program



Contact(s)

Name	E-mail	Phone
Thomas Wehrly Angela	twehrly@stat.tamu.edu	9798451359
Allensworth	aallensworth@tamu.edu	

Academic level Undergraduate

Effective Term 2020-2021

Department Statistics

College Science

Program type Minor

With a minor in Statistics (STAT)

Associated Program **Not Applicable**

Catalog Program Title
Statistics - Minor

Rationale for Proposal
We need to add electives that were approved for the 19/20 catalog.

Program hours **15**

Is this program eligible for financial aid? **Yes**

Will program hours change (increase/decrease) due to the proposed **No**

In Workflow

1. **STAT Department Head**
2. **Curricular Services Review**
3. **SC Committee Preparer UG**
4. **SC Committee Chair UG**
5. **SC College Dean UG**
6. **UCC Preparer**
7. **UCC Chair**
8. **Faculty Senate Preparer**
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

Approval Path

1. 03/04/19 1:12 pm
Michael Longnecker (longneck):
Approved for STAT Department Head
2. 03/05/19 8:16 am
Angel Mario Carrizales (carri1214):
Rollback to Initiator
3. 03/06/19 8:32 am
Michael Longnecker (longneck):
Approved for STAT Department Head
4. 03/12/19 2:08 pm
Angel Mario Carrizales (carri1214):
Approved for Curricular Services Review

curriculum changes?

Catalog Program Requirements

- 5. 03/13/19 10:01 am
Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG
- 6. 03/13/19 10:13 am
Lucas Macri (Imacri): Approved for SC Committee Chair UG
- 7. 03/13/19 10:16 am
Lucas Macri (Imacri): Approved for SC College Dean UG
- 8. 03/13/19 1:18 pm
Sandra Williams (sandra-williams): Approved for UCC Preparer
- 9. 04/08/19 1:41 pm
Sandra Williams (sandra-williams): Approved for UCC Chair

History

- 1. Sep 16, 2016 by Angela Allensworth (arankin)

Course List

Code	Title	Semester Credit Hours
Lower Division Courses		
STAT 211	Principles of Statistics I	3
STAT 212	Principles of Statistics II	3
Directed Upper Division Electives		
Select three of the following: 1		9
STAT 335/CSCE 320	Principles of Data Science	
STAT 404	Statistical Computing	
STAT 406	Design and Analysis of Experiments	
STAT 407	Principles of Sample Surveys	
STAT 408	Introduction to Linear Models	
STAT 414	Mathematical Statistics I	
STAT 415	Mathematical Statistics II	
STAT 421/CSCE 421	Machine Learning	
STAT 426	Methods in Time Series Analysis	

Code	Title	Semester Credit Hours
STAT 436	Multivariate Analysis and Statistical Learning	
STAT 438	Bayesian Statistics	
STAT 445	Applied Biostatistics and Data Analysis	
STAT 446	Statistical Bioinformatics	
STAT 459	Categorical Data Analysis	
STAT 485	Directed Studies	
STAT 489	Special Topics in...	

Total Semester Credit Hours

15

1 [STAT 485](#) or [STAT 489](#) must be approved by the Statistics Department.

Additional Requirements:

Students must make a grade of **C** ~~"C"~~ or better in all courses.

Substitutions for the minor must be approved by the Statistics Department.

Additional
information

Required Proposal Forms [MINOR-STAT_degree_eval.pdf](#)

Reviewer Comments **Angel Mario Carrizales (carri1214) (03/05/19 8:16 am):** Rollback: The proposed changes are considered a change in curricula. Please attached an evaluation that matches the proposed catalog edits.

Angel Mario Carrizales (carri1214) (03/12/19 2:08 pm): Concern addressed.

Sandra Williams (sandra-williams) (04/08/19 1:41 pm): UCC approved April 2019.

Key: 101

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : General Electives (1.000 credits) - Not Met

Description :

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
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No	A.		General Elective 1hr													
Select from any course 100-499 not used elsewhere.																

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
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No	A.		Courses not applied													
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Total Credits and GPA 0.000 .00

unofficial evaluation

Area : High Impact Experience - Not Met

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
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No	A.		High-Impact Experience													
One course required. A list of possible high-impact experiences is available in the CSCE advising office.																
Includes:																
<ul style="list-style-type: none"> • CSCE 399 • Any course with the study abroad attribute [SABR] • Any CSCE course with the research experience attribute [QRES] (e.g., CSCE 491) • ENGR 385 with the co-operative education attribute [COOP] 																

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : Statistics Minor (15.000 credits) - Not Met

Description : Minimum of 6 hrs at 300- to 400-level.
No grade below a 'C' is acceptable.

Met	Condition	Rule	Subject	Attribute	Low	High	Required Credits	Required Courses	Term	Subject	Course	Title	Attribute	Credits	Grade	Source
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No	A.		STAT 211													
Must make a grade of 'C' or better. MATH 151 and 152 are prerequisites.																
No	AND	B.	STAT 212													
Must make a grade of 'C' or better. MATH 151 and 152 are prerequisites.																
No	AND	C.	Elective 9hrs													
Must make a grade of 'C' or better. Select from STAT 404, 406-408, 414, 415, 426, 436, 438, 445, 446, 459, 485, 489 Also, STAT 485 and 489 must be approved by the STAT department.																

STAT 335 / CSCE 320
STAT 421

Total Credits and GPA 0.000 .00

unofficial evaluation

Area : University Writing Requirement - Not Met