

Cover Sheet: Request 15701

BSCHE Tracking Improvements

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Cynthia Sain csain@che.ufl.edu
Created	1/19/2021 10:40:50 AM
Updated	2/17/2021 1:36:51 PM
Description of request	Students following the previous tracking are unable to graduate in 8 or even 9 semesters. Student who follow the new tracking will graduate in 8 semesters.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	ENG - Chemical Engineering 19030000	Carlos Rinaldi		1/19/2021
No document changes					
College	Approved	ENG - College of Engineering	Heidi Dublin	Approved by the HWCOE Curriculum Committee and Faculty Council.	2/11/2021
20-21 BSCHE UT.docx					1/21/2021
21 - 22 BSCHE UT proposed.docx					1/21/2021
Associate Provost for Undergraduate Affairs	Approved	PV - APUG Review	Casey Griffith		2/17/2021
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/17/2021
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 15701

Info

Request: BSChE Tracking Improvements

Description of request: Students following the previous tracking are unable to graduate in 8 or even 9 semesters. Student who follow the new tracking will graduate in 8 semesters.

Submitter: Cynthia Sain csain@che.ufl.edu

Created: 1/19/2021 8:47:30 AM

Form version: 1

Responses

Major Name

Enter the name of the major. Example: "Mathematical Modeling"

Response:
Chemical Engineering

Major Code

Enter the two-letter or three-letter major code.

Response:
CHE

Degree Program Name

Enter the name of the degree program in which the major is offered.

Response:
Chemical Engineering

Undergraduate Innovation Academy Program

Is this an undergraduate program in the Innovation Academy?

Response:
No

Effective Term

Enter the term (semester and year) that the curriculum change would be effective.

Response:
Earliest Available

Effective Year

Response:
2021

Current Curriculum for Major

Response:

Critical Tracking records each student's progress in courses that are required for progress toward each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites may be used for transfer students.

Semester 1

2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts
Complete 1 of 8 critical-tracking courses with a minimum grade of C within two attempts: CHM 2045 or CHM 2095, CHM 2046 or CHM 2096, MAC 2311, MAC 2312, MAC 2313, MAP 2302, PHY 2048, PHY 2049

2.5 GPA required for all critical-tracking courses based on the best of two attempts

2.0 UF GPA required

Semester 2

Complete 1 additional critical-tracking course with a minimum grade of C within two attempts

2.5 GPA required for all critical-tracking courses based on the best of two attempts

2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts

2.0 UF GPA required

Semester 3

Complete 2 additional critical-tracking courses with minimum grades of C within two attempts

2.5 GPA required for all critical-tracking courses based on the best of two attempts

2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts

2.0 UF GPA required

Semester 4

Complete 2 additional critical-tracking courses with minimum grades of C within two attempts

2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts

2.5 GPA required for all critical-tracking courses based on the best of two attempts

2.0 UF GPA required

Semester 5

Complete all 8 critical-tracking courses with minimum grades of C in each course within two attempts and a 2.5 GPA on all critical-tracking courses based on the best of two attempts.

2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts

2.5 GPA required for all critical-tracking courses based on the best of two attempts

2.0 UF GPA required

Semester 6

Complete 1 of 4 upper division critical-tracking courses with a minimum grade of C: ENC 3246, ECH 4224L, ECH 4404L, ECH 4714

2.0 CHE GPA required

2.0 UF GPA required

Semester 7

Complete 2 additional upper division critical-tracking courses with a minimum grade of C

2.0 CHE GPA required

2.0 UF GPA required

Semester 8

Complete 1 additional upper division critical-tracking course with a minimum grade of C
2.0 CHE GPA required
2.0 UF GPA required

Proposed Curriculum Changes

Describe the proposed changes to the curriculum. If the change is to offer the program through UF Online, please explain and attach a letter of support from the Director of UF Online.

Response:

Semester 1

- 2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts
- Complete 2 of 8 critical-tracking courses with a minimum grade of C within two attempts: CHM 2045 or CHM 2095, CHM 2046 or CHM 2096, MAC 2311, MAC 2312, MAC 2313, MAP 2302, PHY 2048, PHY 2049
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.0 UF GPA required

Semester 2

- Complete 3 additional critical-tracking course with a minimum grade of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts
- 2.0 UF GPA required

Semester 3

- Complete 3 remaining critical-tracking courses with minimum grades of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts
- Complete ECH 3023
- Complete ECH 4934
- 2.0 UF GPA required

Semester 4

- Complete at least 4 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 5

- Complete at least 4 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 6

- Complete at least 5 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 7

- Complete at least 4 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 8

- Complete all remaining courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

UF Online Curriculum Change

Will this curriculum change be applied to a UF online program as well?

Response:

No

Pedagogical Rationale/Justification

Describe the rationale for the proposed changes to the curriculum.

Response:

This tracking ensures that students will progress through the 131 credit hour BScHE degree with the proper pre-requisites and that students will graduate within the 8 semester plan.

Impact on Enrollment, Retention, Graduation

Describe any potential impact of the curriculum changes on students who are currently in the major.

Response:

This tracking makes the catalog consistent with departmental academic advising. Students who are already following the advised tracking will graduate within the 8 semester track.

Assessment Data Review

Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

Response:

Students following the previous statement are unable to graduate in 8 or even 9 semesters.

Academic Learning Compact and Academic Assessment Plan

Describe the modifications to the Academic Learning Compact (for undergraduate programs) and Academic Assessment Plan that result from the proposed change.

Response:

There is no modification.

Catalog Copy

Submitter agrees to prepare and upload document showing the catalog copy with the current and proposed curricula edited using the "track changes" feature in Word.

Response:

Yes

Critical Tracking records each student's progress in courses that are required for progress toward each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida [Common Course Prerequisites](#) may be used for transfer students.

Semester 1

- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- Complete 1 of 8 critical-tracking courses with a minimum grade of C within two attempts: [CHM 2045](#) or [CHM 2095](#), [CHM 2046](#) or [CHM 2096](#), [MAC 2311](#), [MAC 2312](#), [MAC 2313](#), [MAP 2302](#), [PHY 2048](#), [PHY 2049](#)
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.0 UF GPA required

Semester 2

- Complete 1 additional critical-tracking course with a minimum grade of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- 2.0 UF GPA required

Semester 3

- Complete 2 additional critical-tracking courses with minimum grades of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- 2.0 UF GPA required

Semester 4

- Complete 2 additional critical-tracking courses with minimum grades of C within two attempts
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.0 UF GPA required

Semester 5

- Complete all 8 critical-tracking courses with minimum grades of C in each course within two attempts and a 2.5 GPA on all critical-tracking courses based on the best of two attempts.
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.0 UF GPA required

Semester 6

- Complete 1 of 4 upper division critical-tracking courses with a minimum grade of C: [ENC 3246](#), [ECH 4224L](#), [ECH 4404L](#), [ECH 4714](#)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 7

- Complete 2 additional upper division critical-tracking courses with a minimum grade of C
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 8

- Complete 1 additional upper division critical-tracking course with a minimum grade of C
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 1

- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- Complete ~~1~~2 of 8 critical-tracking courses with a minimum grade of C within two attempts: [CHM 2045](#) or [CHM 2095](#), [CHM 2046](#) or [CHM 2096](#), [MAC 2311](#), [MAC 2312](#), [MAC 2313](#), [MAP 2302](#), [PHY 2048](#), [PHY 2049](#)
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.0 UF GPA required

Semester 2

- Complete ~~1~~3 additional critical-tracking course with a minimum grade of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- 2.0 UF GPA required

Semester 3

- Complete ~~2-3 additional-remaining~~ critical-tracking courses with minimum grades of C within two attempts
- 2.5 GPA required for all critical-tracking courses based on the best of two attempts
- 2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts
- Complete ECH 3023
- Complete ECH 4934
- 2.0 UF GPA required

Semester 4

- Complete at least 4 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- ~~2.0 UF GPA required~~Complete 2 additional critical-tracking courses with minimum grades of C within two attempts
- ~~2.5 GPA in [MAC 2311](#), [MAC 2312](#) and [MAC 2313](#) sequence based on the best of two attempts~~
- ~~2.5 GPA required for all critical-tracking courses based on the best of two attempts~~
- ~~Complete 5 remaining courses (reference Model Semester Plan)~~
- ~~2.0 UF GPA required~~

Semester 5

- Complete at least 4 additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- ~~2.0 UF GPA required~~ Complete all 8 critical tracking courses with minimum grades of C in each course within two attempts and a 2.5 GPA on all critical tracking courses based on the best of two attempts.
- ~~2.5 GPA in MAC 2311, MAC 2312 and MAC 2313 sequence based on the best of two attempts~~
- ~~2.5 GPA required for all critical tracking courses based on the best of two attempts~~
- ~~Complete 5 remaining courses (reference Model Semester Plan)~~
- ~~2.0 UF GPA required~~

Semester 6

- Complete at least 5-5 remaining additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 7

- Complete 5-at least 4 remaining additional courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required

Semester 8

- Complete all remaining courses (reference Model Semester Plan)
- 2.0 CHE GPA required
- 2.0 UF GPA required