

Date Submitted: 12/04/22 12:29 pm

Viewing: **CEMBMS : Cell and Molecular Biology,
Master of Science**

Last approved: 05/24/19 3:05 pm

Last edit: 12/05/22 3:45 pm

Changes proposed by: drhoads

Catalog Pages Using
this Program

[Cell and Molecular Biology \(CEMB\)](#)

Submitter:	User ID:	drhoads calison	Phone:
		575-7396 575-6731	
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Major/Field of Study		
Select a reason for this modification			
Making Minor Changes to an Existing Certificate, Degree or Program (including 15 or fewer hours, admission/graduation requirements, Focused Studies or Tracks)			
Are you adding a concentration?			
No			
Are you adding or modifying a track?			
No			
Are you adding or modifying a focused study?			
No			
Effective Catalog Year	Fall 2023		
College/School Code	Graduate School and International Education (GRAD)		
Department Code	Department of Graduate Dean (GRSD)		

In Workflow

1. GRAD Dean Initial
2. GRAD Dean Initial
3. Director of Curriculum Review and Program Assessment
4. Registrar Initial
5. Institutional Research
6. GRSD Chair
7. GRAD Dean
8. Global Campus
9. Provost Review
10. Graduate Council
11. Faculty Senate
12. Provost Final
13. Registrar Final
14. Catalog Editor Final

Approval Path

1. 12/04/22 1:07 pm
Christa Hestekin (chesteki):
Approved for GRAD Dean Initial
2. 12/04/22 1:09 pm
Christa Hestekin (chesteki):
Approved for GRAD Dean Initial
3. 12/05/22 12:11 pm
Alice Griffin (agriffin): Approved for Director of Curriculum Review and Program Assessment

Program Code	CEMBMS	4. 12/05/22 3:45 pm Gina Daugherty (gdaugher): Approved for Registrar Initial
Degree	Master of Science	5. 12/06/22 12:13 pm Doug Miles (dmiles): Approved for Institutional Research
CIP Code		6. 12/06/22 12:53 pm Christa Hestekin (chesteki): Approved for GRSD Chair
		7. 12/06/22 12:56 pm Christa Hestekin (chesteki): Approved for GRAD Dean
		8. 12/06/22 1:01 pm Suzanne Kenner (skenner): Approved for Global Campus
		9. 12/06/22 1:21 pm Jim Gigantino (jgiganti): Approved for Provost Review
		10. 12/19/22 11:27 am Christa Hestekin (chesteki): Approved for Graduate Council

History

- 1. Mar 4, 2015 by
Charlie Alison
(calison)

2. May 24, 2019 by
Charlie Alison
(calison)

26.0406 - Cell/Cellular and Molecular Biology.

Program Title

Cell and Molecular Biology, Master of Science

Program Delivery

Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

No

What are the total 30
hours needed to
complete the
program?

Program Requirements and Description

Requirements

Admission to Degree Program: ~~All applicants must have a B.A. or B.S. in a basic or applied science.~~ Applicants must submit transcripts, letters of recommendation, present Graduate Record Examination scores for the Verbal and the CEMB Applicant Profile. Quantitative tests, and the GRE writing instrument. Applicants may also wish to present Graduate Record Examination scores for the Verbal and Quantitative tests, and the GRE writing instrument, to enhance their credentials. For admission, a student must secure ~~have~~ a sponsoring faculty member. Individual faculty may require additional materials (GRE, writing examples, etc.). The sponsoring faculty member will submit probable thesis subjects to the Program Committee prior to acceptance of the student. Once an applicant has been approved by the Program Committee, ~~applications are forwarded to the~~ program submits the ~~Graduate School for~~ application for admission to the Graduate ~~the Graduate~~ School. Admitted and sponsored students will be responsible for the Graduate School's application fee unless paid by the ~~department of the~~ sponsoring faculty member. When deemed appropriate by the Director and Program Advisory Committee, the Cell and Molecular Biology program will allow a qualified applicant to be admitted to complete research rotations through up to three designated research laboratories during his/her first semester enrolled in the Cell and Molecular Biology graduate program. Admission for research rotations is contingent upon: 1) Stipend support has been guaranteed for the student during the rotation semester; ~~semesters;~~ and 2) the Cell and Molecular Biology faculty designated for the

rotation have agreed to host the student during this period. After the rotation period, the student must obtain a faculty research sponsor.

Requirements for the Master of Science Degree: For the M.S. degree, the Graduate School and/or the program requires 30 semester hours, a comprehensive examination, a cumulative GPA of 3.00, and a minimum residence of 30 weeks. Any student who receives a grade of “F” in any graduate-level course will be subject to dismissal following review by the Program Advisory Committee. All candidates for the M.S. must complete a minimum of 24 hours of post-baccalaureate graduate credits not including seminar and thesis credit hours (18 hours plus [CHEM 5813](#) and [CHEM 5843](#)) in Cell and Molecular Biology-approved courses and 6 hours of thesis research. In addition, all candidates who are considered full-time must enroll every fall and spring semester in a Cell and Molecular Biology designated seminar course. Graduate advisory and thesis committees will consist of at least three program faculty representing at least two different departments. With the approval of the student’s Graduate Advisory Committee, up to 6 hours of alternative graduate courses may be used to satisfy the 24 hours of course work. All M.S. candidates must complete a thesis based on their research and pass a comprehensive oral examination based on the thesis. Examination and approval of the thesis is by the student’s Graduate Thesis Committee. Just prior to the Final Examination, the M.S. candidate will present a public seminar announced to all Cell and Molecular Biology faculty and students.

Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Are Similar Programs available in the area?

No

Estimated Student Demand for Program NA

Scheduled Program Review Date NA

Program Goals and Objectives

Program Goals and Objectives

NA

Learning Outcomes

Learning Outcomes

NA

Description and justification of the request

Description of specific change	Justification for this change
Making the GRE optional, as per new policies which allow programs to make the GRE optional. Correcting catalog copy. Redlined catalog copy is attached.	We have tried to make the GRE optional for years, but have been blocked. We desire to join the GRExit process that most major University STEAM

Description of specific change	Justification for this change
	programs have joined. WE could not find any specific forms other than this one to submit

Upload attachments

[CEMB catalog update.docx](#)

Reviewer Comments

Gina Daugherty (gdaugher) (12/05/22 3:45 pm): Removed Undergraduate Council from workflow.

Key: 293