College of Medicine – Burnett
School of Biomedical Sciences

Cynthia Contreras, Ph.D.
College Overview

» Degree Programs
  › Biomedical Sciences
  › Biomedical Sciences – Neuroscience Track
  › Biotechnology
  › Medical Laboratory Sciences
  › Molecular and Cellular Biology
  › Molecular Microbiology

» Contact Information
  › https://med.ucf.edu/biomed/undergraduate-programs/
  › BSBSAdvising@ucf.edu
  › Health Sciences Building 2 room 335 (Main Campus)
  › 407-823-5932
  › Director of BSBS: Griffith Parks, Ph.D.
  › Associate Director for Academic Affairs: Bill Self, Ph.D.
  › Director of Advising: Amanda Colee
  › Academic Advisors: Cynthia Contreras, Ph.D., Allison Molina, Donae Graham.
  › Outreach Coordinators and Peer Mentors
Program Updates

» The Biomedical Sciences - Molecular and Cellular Biology Track, and the Biomedical Sciences - Molecular Microbiology Track are now their own majors!

› Molecular and Cellular Biology B.S.
  › For students interested in the Molecular Basis of Human Disease with career aspirations for graduate degrees (M.S. or Ph.D.) in Cell Biology and Biomedical Science disciplines.
  › Preparation for Medical School and other health professional schools.
  › Broad array of coursework including Cancer Biology, Cell Biology, Molecular Biology and Biochemistry

› Molecular Microbiology B.S.
  › For students interested in infectious disease and public health, with career aspirations for graduate degrees (M.S. or Ph.D.) in infectious disease.
  › Preparation for Medical School and other health professional schools.
  › Broad array of coursework including Microbiology, Immunology, Virology and Epidemiology.
Program Updates

» Biomedical Sciences, Biomedical Sciences – Neuroscience Track, Biotechnology, Molecular and Cellular Biology, and Molecular Microbiology
   › Restricted Access since 2020-2021 Catalog Year and beyond
   › Students declaring these majors start as “pending” status”.
   › In order to officially enter the major, students need to complete the following classes with a “C” or better:
     › BSC 2010C Biology I
     › CHM 2045 Chemistry I
     › CHM 2046 Chemistry II
     › CHM 2210 Organic I
Program Updates

» Biomedical Sciences, Biomedical Sciences – Neuroscience Track, Biotechnology, Molecular and Cellular Biology, and Molecular Microbiology

› Course Requirement Updates:
  › BSC 2011C Biology 2 is required

› Course Prerequisite Updates:
  › *All prerequisites require a grade of “C” or better.*
  › BSC 3403C Quantitative Biological Methods – BSC 2010C and CHM 2046
  › MCB 3020C General Microbiology – BSC 2010C and CHM 2210
  › PCB 3522 Molecular Biology 1 – BSC 2010C and CHM 2046
  › PCB 4524 Molecular Biology 2 – PCB 3522
  › MCB 4721C Methods in Biotechnology – BSC 2010C and CHM 2046
Program Updates

» Medical Laboratory Sciences
  › Remains Limited-Access
  › Course Requirement Updates
    › BSC 2011C Biology 2 – Not Required
    › CGS 1060C Intro to Computer Science – Not Required
  › Reminder on acceptable course prerequisites for this program only within our College:
    › Anatomy/Physiology 1 and 2 from State Colleges
    › MCB 2010C from State Colleges
  › Admission into the program contingent upon science prerequisites, review of application, letters of recommendation and interview.
  › The program is 2 years (including a summer semester) and full time.
Policy and Procedures Update

» College of Medicine Progress Policy
  › Students in undergraduate majors within the College of Medicine are expected to consistently make good progress towards their degrees.
  › On Academic Warning
    › 3 Withdrawals (W) at UCF
    › 5 “low” grades: W, NC, U, C-, D, F at UCF
    › 2 unsuccessful attempts at any class
  › Will be counseled to choose a major outside of the College of Medicine (Referred to KMETC)
    › 5 Withdrawals (W) at UCF
    › 8 “low” grades: W, NC, U, C-, D, F at UCF
    › 3 unsuccessful attempts at any class
Policy and Procedures Update

» Prospective Student Appointments:
  › Outreach Coordinators and/or Peer Mentors meet with our prospective students.
  › They are available to meet with students Monday-Friday from 9am-5pm.
  › Students can email COMPeerMentors@ucf.edu or bsbsadvising@ucf.edu including potential times/days available.
  › At this time, all appointments are remote/via Zoom.
Organizational Updates

» College of Medicine Undergraduate Student Advising (COMUSA) Office
  › Ms. Amanda Colee, Director
  › Dr. Cynthia Contreras, Academic Advisor IV
  › Mrs. Allison Molina, Academic Advisor III
    › Freshman Cohort Advisor 2020-2021
    › Dual Enrollment Advisor
  › Mrs. Donae Graham, Academic Advisor III
    › New Advisor as of Summer 2020
    › Transfer Cohort Advisor 2020-2021
Advising Initiatives

» Peer Mentors
  › Provide a friendly, welcoming presence to all students who come into the advising office.
  › Provide accurate information about the Biomedical Sciences majors.
  › Make appropriate referrals to professional advising staff and campus resources.
  › Are good listeners.
  › Respect the autonomy and confidentiality of all students.
  › Keep up with what’s new in pre-med and pre-health advising.
  › Share resources with students.
  › Current and Prospective students are highly encouraged to interact with our Peer Mentors!

Remote Office Hours Available!
Monday through Friday, 9am-5pm.
COMPeerMentors@ucf.edu
Key Points

» COM majors are restricted access, except Medical Laboratory Sciences, which is limited-access.

» COM majors are subject to a progress policy.

» COM has two new majors:
  › Molecular and Cellular Biology
  › Molecular Microbiology

» Biology 2 is required for all COM majors except Medical Laboratory Sciences (2021-2022 catalog year and beyond).

» Prospective undergraduate COM students, are encouraged to email COMPeerMentors@ucf.edu or BSBSadvising@ucf.edu if they have any questions/concerns or to request an appointment.
Questions?

Drop your questions in the Zoom chat window.