ACADEMIC PROGRAMS

Baccalaureate Degree Programs and Concentrations

1. Bachelor of Science in Applied Biology (BSAB)
2. Bachelor of Science in Applied Mathematics (BSAM)
   Concentrations:
   • Actuarial Science
   • Applied Statistics
   • Applied and Computational Mathematics
   • Mathematical Biology
3. Bachelor of Science in Applied Physics (BSAP)
   Minors:
   • Acoustics
   • Applied Optics
   • Materials Science
   • Medical Physics
4. Bachelor of Science in Biochemistry (BSBC)
5. Bachelor of Science in Chemical Engineering (BSCHM)
6. Bachelor of Science in Chemistry (BSCH)
7. Bachelor of Science in Computer Engineering (BSCE)
8. Bachelor of Science in Computer Science (BSCS)
   Concentrations:
   • Computer Gaming
   • Cybersecurity
9. Bachelor of Science in Electrical Engineering (BSEE)
10. Bachelor of Science in Engineering (BSE)
    Concentrations:
    • Manufacturing Systems
    • Mechatronics Systems
    • Robotic Systems
11. Bachelor of Science in Engineering Physics (BSEP)
    Minors:
    • Acoustics
    • Applied Optics
    • Materials Science
    • Medical Physics
12. Bachelor of Science in Industrial Engineering (BSIE)
13. Bachelor of Science in Management (BSMG)
    Concentrations:
    • Innovation and Entrepreneurship
    • Sustainable Solutions for Enterprise
    • Supply Chain and Logistics Management
    • Business Analytics
    • Technology
14. Bachelor of Science in Mechanical Engineering (BSME)
    Concentrations:
    • Alternative Energy
    • Automotive Engineering Design
    • Bio-engineering Applications
    • Machine Design & Advanced Materials

Course of Study

1. Pre-Med

Minors

1. Acoustics
2. Applied and Computational Mathematics
3. Applied Optics
4. Biochemistry
5. Biology
6. Business
7. Chemistry
8. Computer Engineering
9. Computer Gaming
10. Computer Science
11. Cybersecurity
12. Economics
13. Electrical Engineering
14. History
15. Innovation and Entrepreneurship
16. International Studies
17. Literature
18. Materials Science
19. Medical Physics
20. Physics
21. Pre-Law
22. Statistics