

# ACADEMIC PROGRAMS

## Baccalaureate Degree Programs and Concentrations

1. Bachelor of Science in Applied Biology (<http://catalog.kettering.edu/undergrad/academic-programs/applied-biology>) (BSAB)
2. Bachelor of Science in Applied Mathematics (<http://catalog.kettering.edu/undergrad/academic-programs/applied-mathematics>) (BSAM)  
Concentrations:
  - Actuarial Science
  - Applied Statistics
  - Applied and Computational Mathematics
  - Mathematical Biology
3. Bachelor of Science in Applied Physics (<http://catalog.kettering.edu/undergrad/academic-programs/applied-physics>) (BSAP)  
Concentrations:
  - Acoustics
  - Applied Optics
  - Materials Science
  - Medical Physics
4. Bachelor of Science in Biochemistry (<http://catalog.kettering.edu/undergrad/academic-programs/biochemistry>) (BSBC)
5. Bachelor of Science in Bioinformatics (<http://catalog.kettering.edu/undergrad/academic-programs/bioinformatics>) (BSBI)
6. Bachelor of Science in Business Administration (<http://catalog.kettering.edu/undergrad/academic-programs/business-administration>) (BSBA)
7. Bachelor of Science in Chemical Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/chemical-engineering>) (BSCHM)
8. Bachelor of Science in Chemistry (<http://catalog.kettering.edu/undergrad/academic-programs/chemistry>) (BSCH)
9. Bachelor of Science in Computer Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/computer-engineering>) (BSCE)
10. Bachelor of Science in Computer Science (<http://catalog.kettering.edu/undergrad/academic-programs/computer-science>) (BSCS)  
Concentrations:
  - Computer Gaming
  - System and Data Security
11. Bachelor of Science in Electrical Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/electrical-engineering>) (BSEE)
12. Bachelor of Science in Engineering Physics (<http://catalog.kettering.edu/undergrad/academic-programs/engineering-physics>) (BSEP)  
Concentrations:
  - Acoustics
  - Applied Optics
  - Materials Science
  - Medical Physics

13. Bachelor of Science in Industrial Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/industrial-engineering>) (BSIE)

Concentrations:

- Cognate
- International Study
- Quality Assurance

14. Bachelor of Science in Mechanical Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/mechanical-engineering>) (BSME)

Concentrations/Specialties:

- Alternative Energy
- Automotive Engineering Design
- Bioengineering Applications
- Machine Design & Advanced Materials

## Course of Study

1. Pre-Med (<http://catalog.kettering.edu/undergrad/academic-programs/pre-med-education>)

## Minors

1. Acoustics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/acoustics>)
2. Applied and Computational Mathematics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/applied-computational>)
3. Applied Optics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/applied-optics>)
4. Biochemistry (<http://catalog.kettering.edu/undergrad/academic-programs/minors/biochemistry-chemistry>)
5. Bioinformatics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/bioinformatics>)
6. Biology (<http://catalog.kettering.edu/undergrad/academic-programs/minors/biology>)
7. Business (<http://catalog.kettering.edu/undergrad/academic-programs/minors/business>)
8. Chemistry (<http://catalog.kettering.edu/undergrad/academic-programs/minors/chemistry>)
9. Computer Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/minors/computer-engineering>)
10. Computer Gaming (<http://catalog.kettering.edu/undergrad/academic-programs/minors/computer-gaming>)
11. Computer Science (<http://catalog.kettering.edu/undergrad/academic-programs/minors/computer-science>)
12. Economics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/economics>)
13. Electrical Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/minors/electrical-engineering>)
14. History (<http://catalog.kettering.edu/undergrad/academic-programs/minors/history>)
15. Innovation and Entrepreneurship (<http://catalog.kettering.edu/undergrad/academic-programs/minors/innovation-entrepreneurship>)
16. International Studies (<http://catalog.kettering.edu/undergrad/academic-programs/minors/international-studies>)

## 2 *Academic Programs*

17. Literature (<http://catalog.kettering.edu/undergrad/academic-programs/minors/literature>)
18. Manufacturing Engineering (<http://catalog.kettering.edu/undergrad/academic-programs/minors/manufacturing-engineering>)
19. Materials Science (<http://catalog.kettering.edu/undergrad/academic-programs/minors/materials-science>)
20. Medical Physics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/medical-physics>)
21. Physics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/physics>)
22. Pre-Law (<http://catalog.kettering.edu/undergrad/academic-programs/minors/pre-law>)
23. Statistics (<http://catalog.kettering.edu/undergrad/academic-programs/minors/statistics>)
24. System and Data Security (<http://catalog.kettering.edu/undergrad/academic-programs/minors/system-data-security>)