The mission of the School of Engineering and Applied Sciences is to educate, engage, and empower students to solve technical problems. The SEAS faculty provide our graduates with knowledge and skills and serve our community stakeholders through applied research and professional activities.

In order to provide students with the necessary skills, the programs in the School of Engineering and Applied Sciences are project-based. Our students have opportunities to engage in project activities throughout the curricula to support design, development, implementation, and troubleshooting.

The School of Engineering and Applied Sciences offers Bachelor of Science degrees in the following areas:

- Architectural Science (reference number 518)
- Civil Engineering (reference number 534)
- Computer Information Technology (reference number 555)
- Computer Science (reference number 629)
- Construction Management (reference number 533)
- Electrical Engineering (reference number 537)
- Engineering Technology Management, Bachelor of Science (5007)
- Manufacturing Engineering Technology, Bachelor of Science (5006)
- Mechanical Engineering (reference number 543)
- Technology Management (reference number 575)

The School of Engineering and Applied Sciences offers minors in computer science (reference number 341), systems engineering (reference number 476), and floodplain management (reference number 361). SEAS also offers a certificate in land surveying (reference number 1700).

The School of Engineering and Applied Sciences offers Master of Science degrees in computer science and engineering technology management and a graduate certificate in Lean Sigma.

Degrees

- Architectural Science, Bachelor of Science (518) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/architectural-science-bs)
- Civil Engineering, Bachelor of Science (534P, 534) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/civil-engineering-bs)
- Computer Information Technology, Bachelor of Science (555P, 555) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/computer-information-technology-bs)
- Computer Science, Bachelor of Science (629P, 629) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/computer-science-bs)
- Construction Management, Bachelor of Science (533) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/construction-management-bs)
- Electrical Engineering, Bachelor of Science (537P, 537) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/electrical-engineering-bs)
- Engineering Technology Management, Bachelor of Science (5007) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/technology-management-bs)
- Manufacturing Engineering Technology, Bachelor of Science (5006) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/manufacturing-engineering-technology-bs)
- Mechanical Engineering, Bachelor of Science (543P, 543) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/mechanical-engineering-bs)

Minors

- Computer Science, Minor (341) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/computer-science-minor)
- Systems Engineering, Minor (476) (http://catalog.wku.edu/undergraduate/science-engineering/engineering-applied-sciences/systems-engineering-minor)

Certificates


Faculty

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Gregory K. Arbuckle PhD (Technology Management (Quality Systems)), Indiana State University, 2004
Kenneth B. Askins EdD (Vocational Education), University of Kentucky, 1992
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