Ogden College of Science & Engineering

MISSION STATEMENT:
The mission of Ogden College of Science and Engineering (OCSE) is to empower individuals to become leaders through academic achievement, global connections, and engagement in research education, and service.

VISION:
Ogden College of Science and Engineering is a community of creative and critical thinkers achieving local to global impact.

PROGRAM INFORMATION:
Whether a student is looking to apply to graduate school, medical school, or go straight into their career the hands-on applied learning education and experience that they will receive in Ogden College of Science and Engineering at Western Kentucky University will help prepare them for this journey. Our award-winning and devoted faculty and staff continually prove their commitment to a student-centered applied research experience in both teaching and scholarship in a multitude of ways.

Students will be encouraged to get involved in research laboratories, honors fraternities, international and study away programs, or social clubs housed within each of the colleges 8 academic units to ensure that they feel involved and at home on the hill. These opportunities will enhance their academic experience and prepare them for their future goals while also providing a foundation and passion for lifelong learning.

ORGANIZATIONAL INFORMATION:
Ogden College of Science and Engineering encompasses the applied and basic sciences, offering a broad range of degree programs through our nine academic units.

- Agriculture and Food Science
- Biology
- Chemistry
- Geography and Geology
- Mathematics
- Physics and Astronomy

Ogden College of Science & Engineering

- Psychological Science
- School of Engineering and Applied Sciences
- SkyTeach

The College offers over 30 undergraduate majors, 10 graduate programs and 10 certificates. In addition to the 8 academic units the college also houses the Applied Research and Technology Program (ARTP) which is a multidisciplinary program consisting of 18 scientific and service-oriented Centers and Institutes.

GOALS/ANTICIPATED PROGRAM ACTIVITIES:

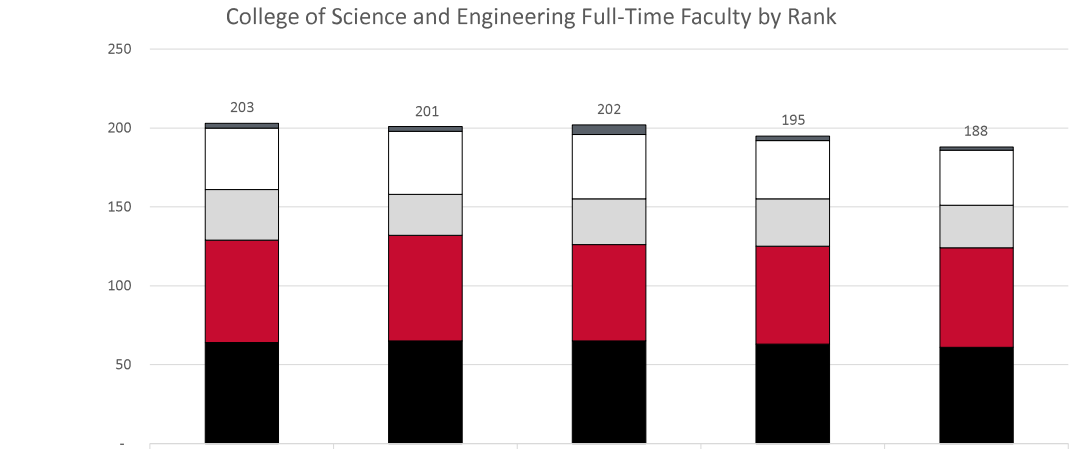
- OCSE strategic goals are:
- Recruit, support, and graduate a committed, diverse, and growing cadre of students.
- Offer a portfolio of contemporary and relevant academic programs and courses built on an engaged learning framework.
- Advance student-centered research and creative activities across the college.
- Establish and maintain strong interactions with the community to meet the needs of students and serve the region.
- Establish and maintain a physical, fiscal, and personnel infrastructure to execute the strategic plan.

ACADEMIC AFFAIRS PRIORITIES:

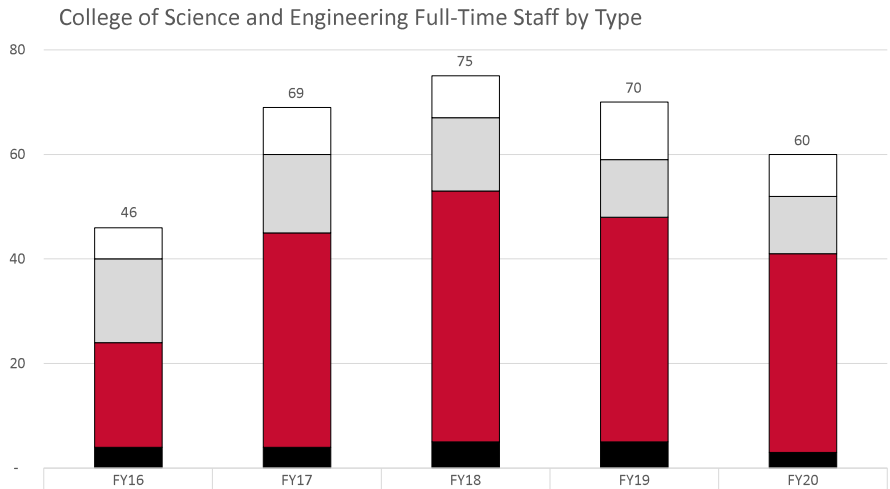
Advancing academic quality, building student success, promoting research and creative activity, and supporting the work of faculty and staff are the cornerstones of OCSE.

- Develop and implement a college-level recruitment plan at both the undergraduate and graduate levels.
- Define and market a distinctive Ogden brand emphasizing opportunities for students to be engaged in research and applied scholarship.
- Support student persistence and progress towards timely degree completion.
- Facilitate applied learning and other high-impact practices in college courses and programs.
- Develop academic programs in appropriate content areas and for specific targeted groups of students.
- Promote evidence-based assessment and best practice to enhance teaching productivity and student success.
- Enhance graduate education.
- Achieve successful collaborations with business and industry partners.
- Promote lifelong learning in and understanding of STEM-related topics.
- Maximize potential to generate and reinvest revenue to support strategic priorities.
- Recruit and support a diverse faculty and staff as needed to fulfill the college mission.
- Use physical, fiscal, and personnel resources efficiently and effectively.

Ogden College of Science & Engineering

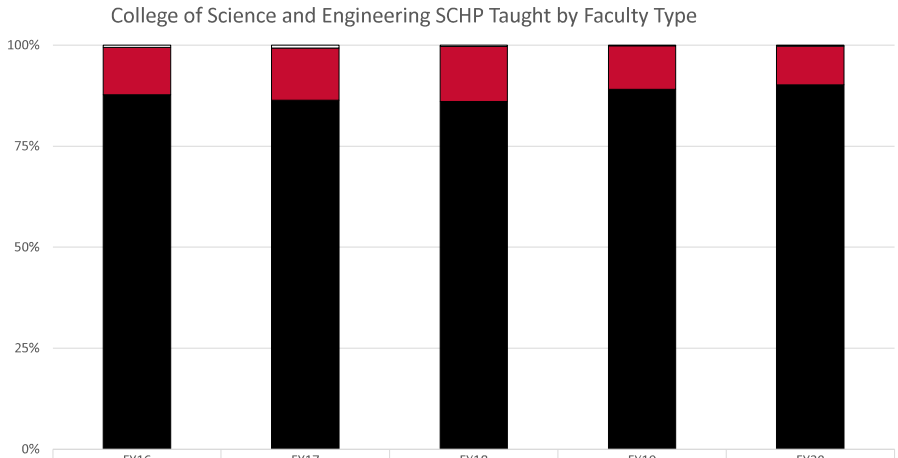


	FY16	FY17	FY18	FY19	FY20
Other	3	3	6	3	2
Instructor	39	40	41	37	35
Assistant Professor	32	26	29	30	27
Associate Professor	65	67	61	62	63
Professor	64	65	65	63	61

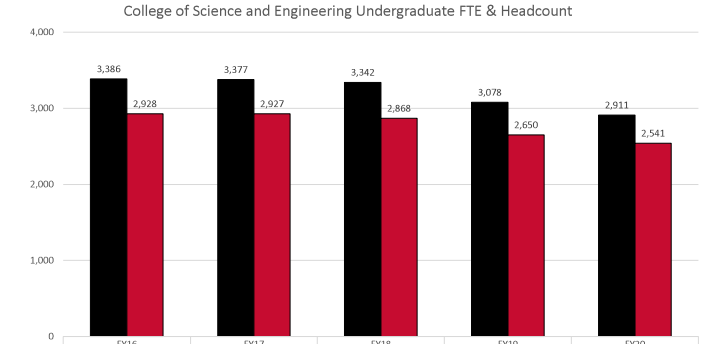


	FY16	FY17	FY18	FY19	FY20
Technical/Skilled/Maintenance	6	9	8	11	8
Clerical/Secretarial	16	15	14	11	11
Prof/Non Faculty	20	41	48	43	38
Executive/Administrative	4	4	5	5	3

Ogden College of Science & Engineering

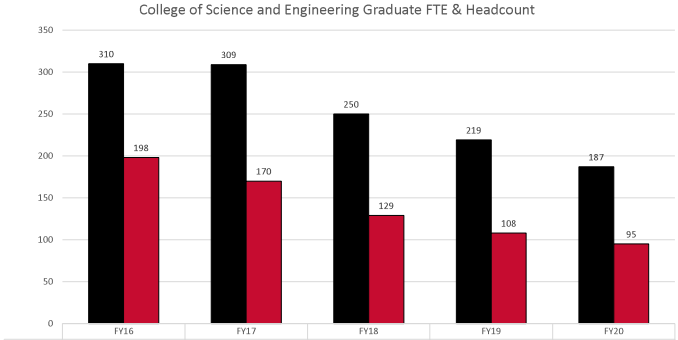


	FY16	FY17	FY18	FY19	FY20
Graduate Assistant	0.5%	0.7%	0.3%	0.1%	0.2%
Part-Time Faculty	11.8%	12.9%	13.6%	10.8%	9.6%
Full-Time Faculty	87.7%	86.4%	86.1%	89.1%	90.2%



	FY16	FY17	FY18	FY19	FY20
Headcount	3,386	3,377	3,342	3,078	2,911
FTE	2,928	2,927	2,868	2,650	2,541

***Headcount** is for undergraduate students enrolled in fall terms.*
***FTE** is calculated by adding undergraduate student credit hours for fall and spring, then dividing by 30.*



	FY16	FY17	FY18	FY19	FY20
Headcount	310	309	250	219	187
FTE	198	170	129	108	95

***Headcount** is for graduate students enrolled in fall terms.*
***FTE** is calculated by adding graduate student credit hours for fall and spring, then dividing by 24.*