

OGDEN COLLEGE OF SCIENCE AND ENGINEERING

Program Name (ref. number)	School or Department	Credential Type	Dept. Recommendation	Dean Recommendation	CAPE Committee Recommendation	Recommendation to Board of Regents	Comments
Aerospace (304)	99SC	Minor	Maintain	Suspend	Suspend	Suspend	Partnership program yielding no conferrals.
Biochemistry (324)		Minor	Maintain	Suspend	Suspend	Suspend	Very low enrollment and conferral rate. Not sustainable.
Brewing and Distilling Arts and Sciences (0486)		Certificate	Transform	Transform	Transform	Transform	New program, but numbers are very low. Transform with continuing ed; review in 2021.
Food Science (1724)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Biochemistry (519)		BS	Maintain	Maintain	Maintain	Maintain	Healthy enrollment and conferrals, with opportunities for further growth.
Middle School Science (734)		BS	Maintain	Maintain	Maintain	Maintain	Numbers in decline. Needs work in recruitment; review in 2021.
Agriculture (001)	Agriculture and Food Science	Minor	Suspend	None (concur)	Suspend	Suspend	Graduate minor: no longer offered.
Agriculture (308)		Minor	Maintain	Maintain	Maintain	Maintain	Steady enrollment; serves important state constituency.
Floristry (369)		Minor	Grow/Enhance	Maintain	Transform	Transform	This program has shown enrollment growth over the last few years and it supports many majors, but its SCHP and conferrals are very low. The program was primarily funded by the university's retail flower shop, but the shop has since been closed and the impact of this is yet unclear. Transform with a recommendation to explore a certificate.
Agriculture Technology and Management (205)		AS	Grow/Enhance	Transform	Transform	Transform	This program has low enrollments, but successful placement rates in a high demand field. Plans are in place to move online: recommend that program be reviewed in 2022 to assess impact of change.
Agriculture (508+605)		BS	Grow/Enhance	Grow/Enhance	Grow/Enhance	Grow/Enhance	Strong program valuable to state. Dean recommends curriculum change before investment.
Agriculture (052)		MS	Grow/Enhance	Maintain	Maintain	Maintain	Good enrollment growth, but conferrals and graduation rates lagging. Recommend increased attention to student success.
Biology (003)	Biology	Minor	Suspend	None (concur)	Suspend	Suspend	Graduate minor: no longer offered.
Biology (326)		Minor	Maintain	Maintain	Maintain	Maintain	Minor healthier than data shows. Good complement to many programs.
Biology (525+617)		BS	Grow/Enhance	Grow/Enhance	Grow/Enhance	Grow/Enhance	Strong program at capacity, Growth requires additional faculty resources.
Medical Laboratory Science (5004)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Good potential for growth given increased partnerships; review in 2021.
Biology for Teacher Leaders (0442)		MAE	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Biology (056)		MS	Grow/Enhance	Maintain	Maintain	Maintain	Solid program with potential for future growth.
Chemistry (005)	Chemistry	Minor	Suspend	None (concur)	Suspend	Suspend	Graduate minor: no longer offered.
Chemistry (335)		Minor	Maintain	Maintain	Maintain	Maintain	Efficient minor that works to recruit majors.
Nutritional and Food Chemistry (421)		Minor	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Chemistry (623)		BS	Maintain	Maintain	Maintain	Maintain	Strong accredited major with good success.
Chemistry (059)		MS	Maintain	Maintain	Maintain	Maintain	Enrollment slowing but maintaining good success rates. Important source of GRA's and GTAs for lower level courses.
Computer Science (341)		Minor	Maintain	Maintain	Maintain	Maintain	Some recent growth in low cost minor. Review in 2021.
Construction Management (343)		Minor	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Electrical Engineering (354)		Minor	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.

Floodplain Management (361)	Engineering and Applied Sciences	Minor	Transform	Transform	Transform	Transform	Transform to certificate; review for success in 2021.
Industrial Sciences (395)		Minor	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Land Surveying (405)		Minor	Grow/Enhance	Suspend	Suspend	Suspend	This minor is nearly duplicated by the certificate (1700). Recommendation to suspend based on duplication of certificate and minor as well as Dean's recommendation.
Systems Engineering (476)		Minor	Grow/Enhance	Maintain	Maintain	Maintain	Potential for growth if well-planned.
Lean Sigma (0452)		Certificate	Maintain	Maintain	Maintain	Maintain	Small but steady enrollment. Review in 2021.
Land Surveying (1700)		Certificate	Maintain	Maintain	Maintain	Maintain	Recommend improved marketing and review in 2021.
Food Processing and Technology (1718)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
CNSS 4011 (1719)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Automation (1726)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Manufacturing and Logistics (1727)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Manufacturing Processing and Technology (1728)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Six Sigma and Quality (1729)		Certificate	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Architectural Sciences (518)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong program with potential for future growth.
Construction Management (533)		BS	Grow/Enhance	Grow/Enhance	Grow/Enhance	Grow/Enhance	Strong and successful program operating at full capacity.
Civil Engineering (534)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong enrollment in high-cost program valued in the state.
Electrical Engineering (537)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong enrollment in high-cost program valued in the state.
Mechanical Engineering (543)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong enrollment in high-cost program valued in the state.
Computer Information Technology (555)		BS	Grow/Enhance	Grow/Enhance	Grow/Enhance	Grow/Enhance	Strong online program limited by faculty capacity.
Engineering Technology Management (5007--was Technology Management 575)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong program with potential for future growth.
Computer Science (629)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong program with potential for future growth.
Manufacturing Engineering Technology (5006)		BS	Grow/Enhance	Grow/Enhance	Grow/Enhance	Grow/Enhance	Highly successful program operating at full capacity.
Computer Science (117)		MS	Grow/Enhance	Maintain	Maintain	Maintain	Strong program with potential for future growth.
Engineering Technology Management (0447)		MS	Grow/Enhance	Maintain	Maintain	Maintain	Program with high demand for graduates, but loss of international students has affected enrollment. Dean suggests JUMP program.
Geography (011)		Minor	Maintain	Suspend	Suspend	Suspend	Graduate minor: no longer offered.

Earth Science (353)	Geography and Geology	Minor	Maintain	Suspend	Suspend	Suspend	Enrollment extremely low. Two conferrals in five years. Not viable.
Geographic Information Systems (366)		Minor	Maintain	Suspend	Suspend	Suspend	Low enrollment and low conferrals. Duplicative with certificate: recommend maintain certificate and suspend minor.
Geography (374)		Minor	Maintain	Suspend	Suspend	Suspend	Program is gen ed plus electives only. Enrollment decreasing and below median.
Geology (377)		Minor	Maintain	Suspend	Suspend	Suspend	
Environmental Studies and Sustainability (479)		Minor	Maintain	Suspend	Suspend	Suspend	Low enrollment and very low conferrals. Concur with dean recommendation to close.
Water Resources (491)		Minor	Maintain	Suspend	Suspend	Suspend	Low and declining enrollment. Concur with dean recommendation to close.
Geographic Information Systems (174)		Certificate	Maintain	Maintain	Maintain	Maintain	Low enrollment and low conferrals. Duplicative with certificate: recommend maintain certificate and suspend minor.
Geographic Information Science (203)		Certificate	Maintain	Suspend	Suspend	Suspend	High-cost program with low enrollment and conferrals. Not viable.
Geographic Information Science (576)		BS	Transform	Suspend	Suspend (roll into single BS with 577)	Suspend (roll into single BS with 577)	Based on low enrollments/conferrals and the narratives provided by the department and Dean, the committee recommends that the department creates one new major with relevant concentrations associated with the three majors. A combined major with concentrations may have potential for growth.
Geology (577)		BS	Transform	Transform/suspend (see 675)	Transform	Transform	Based on low enrollments/conferrals and the narratives provided by the department and Dean, the committee recommends that the department creates one new major with relevant concentrations associated with the three majors. A combined major with concentrations may have potential for growth.
Meteorology (578)		BS	Grow/Enhance	Maintain	Maintain	Maintain	Strong program with potential for future growth.
Geography/Environmental Studies (675)		BS	Transform	Transform/suspend (see 577)	Suspend (roll into single BS with 577)	Suspend (roll into single BS with 577)	Based on low enrollments/conferrals and the narratives provided by the department and Dean, the committee recommends that the department creates one new major with relevant concentrations associated with the three majors. A combined major with concentrations may have potential for growth.
Earth Science (678)		AB	Suspend	None (concur)	Suspend	Suspend	Enrollment and conferrals low: program faculty volunteered program for suspension.
Geography Education for Teacher Leaders (0444)	Mathematics	MAE	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Geosciences (072)		MS	Maintain	Maintain	Maintain	Maintain	Steady enrollment. One of only two in KY.
Mathematics (021)		Minor	Suspend	None (concur)	Suspend	Suspend	Graduate minor: no longer offered.
Applied Statistics (313)		Minor	Maintain	Maintain	Maintain	Maintain	Relatively new program; small but growing.
Mathematics (417)		Minor	Maintain	Maintain	Maintain	Maintain	Useful minor for STEM majors, but enrollment dropping. Review in 2021.
Data Analysis Using SAS (1716)		Certificate	Suspend	Suspend	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Mathematics (528)		AB	Maintain	Transform (see 728)	Maintain	Maintain	Math 528 and 728 were discussed together. Department should review the two programs to determine if efficiencies could be created by combining.
Mathematics (728)		AB	Maintain	Transform (see 528)	Maintain	Maintain	Math 528 and 728 were discussed together. Department should review the two programs to determine if efficiencies could be created by combining.
Mathematical Economics (731)		BS	Maintain	Maintain	Maintain	Maintain	Joint program with GFCB. Growing enrollment and conferrals.

Middle Grade Mathematics (730)		BS	Maintain	Maintain	Maintain	Maintain	Enrollments have declined, due in part to a decline at WKU's regional campuses. Conferrals have remained consistent. The education component of all teacher education programs is undergoing a transformation due to a core change.
Mathematics (049)		MA	Maintain	Maintain	Maintain	Maintain	Online only program with good demand and success.
Mathematics (085)		MS	Maintain	Maintain	Maintain	Maintain	Well respected program with steady enrollment.
Physics (024)		Minor	Suspend	None (concur)	Suspend	Suspend	Graduate minor: no longer offered.
Science Area (034)		Minor	Suspend	None (concur)	Suspend	Suspend	Enrollment extremely low: program faculty volunteered program for suspension.
Astronomy (318)		Minor	Maintain	Transform (see 435)	Suspend	Suspend	These two programs (318 and 435) were discussed together as there was a recommendation in the materials provided to the committee to combine these programs. However, due to very low enrollments/conferrals and discrepancies in the suggested new program, the committee's recommendation is to suspend these programs and instead create a new minor that better fits current needs and the vision described in the Dean's recommendations.
Biophysics (329)		Minor	Maintain	Maintain	Maintain	Maintain	Increasing enrollments and conferrals. Steady demand.
Physics (435)	Physics and Astronomy	Minor	Maintain	Transform (see 318)	Suspend	Suspend	These two programs (318 and 435) were discussed together as there was a recommendation in the materials provided to the committee to combine these programs. However, due to very low enrollments/conferrals and discrepancies in the suggested new program, the committee's recommendation is to suspend these programs and instead create a new minor that better fits current needs and the vision described in the Dean's recommendations.
Physics (754)		BS	Maintain	Maintain	Transform	Transform	Small, rigorous program using high impact practices of student-centered, applied learning. Due to decline in enrollments and the steep drop from enrollments to conferrals, recommend that the department makes changes that address enrollments, persistence, and conferrals
Homeland Security Sciences (413)		MS	Maintain	Transform	Transform	Transform	Recommend transformation into broader, more interdisciplinary program.
Neuroscience (434)		Minor	Grow/Enhance	Maintain	Transform*	Maintain	A strong minor showing success in a very short time period through a well-designed interdisciplinary structure that serves and attracts majors from across the university.
Psychological Sciences (440)	Psychological Sciences	Minor	Maintain	Maintain	Transform*	Maintain	A strong minor showing success in a very short time period through a well-designed, APA-recommended structure with a high value to minors and students across the university.
Psychological Science (747+747E)		BS	Grow/Enhance	Maintain	Transform*	Maintain	A young, well-designed, APA-aligned program with strong numbers and successes as well as high contributions for many areas across campus.
Psychology (0469)		MS	Grow/Enhance	Maintain	Transform*	Maintain	Program note: Strong, nationally-recognized program with strong successes in employment & high-ranking PhD programs; a well-designed, APA recommended structure.

* Committee's recommendation here referred to structural department concerns. The Board of Regents' recommendation is the one the committee provided for the specific program.