WAYS 3-2 ENGINEERING MAJORS RISE

RESEARCH:
• Design and test introductory lessons on 3D printing (Oberlin’s Center for Technologically Enhanced Teaching)
• Monitor wastewater treatment by the Living Machine at Oberlin’s Adam J. Lewis Center for Environmental Studies
• Design, implement, and maintain a system that monitors a building’s energy usage (Environmental Studies Program)
• Mutagenesis study of the molecular motor of muscle (myosin) and the protein interactions that tune it

INTERNSHIPS:
Medtronic, Washington, DC • National Astronomy and Ionosphere Center, Arecibo Observatory, Puerto Rico • marketing and events intern, Council of Urban Professionals, New York City • Mathematics Research Experience for Undergraduates, Columbia University, New York City • software engineering intern, Google, Calif. • environmental underwriting intern, AIG, Houston • environmental intern, L’Oréal, New York City • design intern, Panafold, San Francisco • capital markets summer analyst, Castle Oaks Securities, LP, New York City • marketing and events intern, Council of Urban Professionals • Living Machine student coordinator, Oberlin College • operator intern, Water Environment Protection Facility, Wash.

STUDY AWAY:
• Tel Aviv University for Overseas Students, Tel Aviv, Israel
• Institute for Study Abroad, Butler University, University of Sydney, Australia
• Associated Colleges in China, Beijing
• Intensive engineering course at Washington University, January term
• Institute for Study Abroad, Butler University, King’s College London

EXPERIENTIAL LEARNING:
• Student design and construction of energy-efficient housing in Bali, Indonesia
• Working in a local bike mechanic shop, working in a local car mechanic shop

FIRST DESTINATIONS OF 3-2 ENGINEERING MAJORS:
• Between 1999 and 2018, 64 Oberlin students transitioned to engineering studies through the program: 7 to Caltech, 22 to Washington University, 29 to Columbia University, 1 to Case Western Reserve University, and 5 to non-partners (such as Illinois Institute of Technology, NYU-Poly, and Rensselaer Polytechnic Institute)
• Positions: Programmer/analyst, Haines & Company in Cleveland; software engineer, Google in Calif.; project engineer, Emerson in St. Louis; project engineer, Natural Systems Utilities in N.J.; infrastructure resilience and outreach coordinator in Boulder, Colo.; structural engineer, ARUP in San Francisco; research analyst, Industrial Economics, Cambridge, Mass.; mechanical engineer, Raytheon

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