

# ENGINEERING (3+2 DUAL DEGREE)

*Faculty Liaison: Elizabeth Fitzgibbon, Ph.D.*

Salve Regina University offers dual-degree programs in engineering with two partner institutions, Washington University in St. Louis and University of Massachusetts Dartmouth. Our partnerships combine a solid liberal arts degree with a strong engineering program, providing a rigorous transformative education that prepares students for graduate school and a multitude of career pathways.

Through these 3+2 programs, students complete three years of study at Salve Regina University followed by two years at the partner institution. While enrolled at Salve Regina, students take core curriculum courses and major in chemistry or mathematics. After transferring to a partner institution, students study biomedical, chemical, electrical, mechanical, or systems engineering and take a capstone course. Students who successfully complete both programs earn a B.A. in either Chemistry or Mathematics from Salve Regina and a B.S. in one of five engineering concentrations from the partner institution.

## Partner Institutions

### Washington University in St. Louis

Students studying mathematics at Salve Regina may pursue either electrical, mechanical, or systems engineering at Washington University. Students studying chemistry at Salve Regina may pursue either chemical or biomedical engineering at Washington University. To be eligible for Washington University's engineering program, students must maintain a 3.25 GPA overall and a 3.25 GPA for all mathematics and science courses, with no grade below C- in any mathematics or science course. Students must also have the written recommendation of the faculty liaison at Salve Regina.

Details of the Washington University engineering requirements can be found at: <https://engineering.wustl.edu/academics/dual-degree-program/index.html> (<https://engineering.wustl.edu/academics/dual-degree-program/>).

In addition to the 3+2 programs, students who attend Washington University may also choose to complete a sixth year. This 3+3 option leads to a master's degree in one of 13 engineering concentrations and guarantees partial funding during the three years of enrollment at Washington University.

### UMass Dartmouth

Students studying chemistry at Salve Regina may pursue biomedical engineering at UMass Dartmouth. To be eligible for UMass Dartmouth's engineering program, students must maintain a 2.5 GPA overall, with no grade below a C-. Students must also have the written recommendation of the faculty liaison at Salve Regina.

Details of the UMassD engineering requirements can be found at: <https://www.umassd.edu/programs/bioengineering/>.

Students who maintain a minimum 3.2 GPA once at UMassD may also be eligible to apply for UMassD's accelerated B.S./M.S. degree allowing students to also earn a master's degree in Biomedical Engineering and Biotechnology (BMEBT) in one additional year after earning the B.S.

## Dual-Degree Engineering Programs

- Chemistry (B.A.) Leading to Chemical or Biomedical Engineering (B.S.) at Washington University (<https://catalog.salve.edu/undergraduate/academic-programs/chemistry/chemistry-ba-chemical-biomedical-engineering-bs/>)
- Chemistry (B.A.) Leading to Biomedical Engineering (B.S.) at UMass Dartmouth (<https://catalog.salve.edu/undergraduate/academic-programs/chemistry/chemistry-ba-biomedical-engineering-bs/>)
- Mathematics (B.A.) Leading to Electrical, Mechanical, or Systems Science and Engineering (B.S.) at Washington University (<https://catalog.salve.edu/undergraduate/academic-programs/mathematical-sciences/mathematics-ba-electrical-mechanical-systems-science-engineering-bs/>)