



How does QUEST fit into my major?

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All information in this document was obtained from academic advisors in each of the departments in Summer 2019. Please consult with your major academic advisors if you have questions regarding major requirements.

QUEST POLICIES

1. Four Required Courses

These courses are required for all QUEST students and are taken in sequence by cohort.

<u>Courses</u>	<i>Timeline for odd cohorts (Q33 & up)</i>	<i>Timeline for even cohorts (Q34 & up)</i>
1. BMGT/ENES 190H: Introduction to Design and Quality (4 credits)	Fall of sophomore year	Spring of sophomore year
2. BMGT438A/ENES489A: Applied Quantitative Analysis (3 credits)*	Spring of sophomore year	Fall of junior year
3. BMGT/ENES 390H: Designing Innovative Systems (3 credits)*	Fall of junior year	Spring of junior year
4. BMGT/ENES 490H: QUEST Capstone Professional Practicum (4 credits)	Spring of junior year	Fall of senior year

*Students may appeal to take the 3-credit courses in the same semester if they are planning to study abroad or co-op.

2. One Elective Course

Students may choose from any of the 3-credit courses below.** This course may be taken any time prior to graduation.

<u>Course Title</u>	<u>Course Name</u>	<u>Notes</u>
BMGT/ENES 397	Mentoring Multidisciplinary Teams	Prereq = BMGT/ENES 190H; Application required in spring of prior year
BMGT408C	Quality Web Development in Business	Offered only in fall semesters
BMGT 438G/ ENES 489Q	Design and Innovation in Silicon Valley	Offered only in spring semesters
BMGT 438Q/ BMGT 438K/ BMGT 438R	Doing Business in Asia	Offered during some winter terms
BMGT 438M/ BMGT469O	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	Offered during some winter terms
BMGT/ENES 491	Scoping Experiential Learning Projects	Prereq = BMGT/ENES 190H

**In extreme circumstances, students may substitute another elective course by appealing to the Curriculum Review Committee

These changes may present scheduling challenges for some of our students, so students will have the opportunity to appeal. Students may appeal to:

- Re-order the sequence of the BMGT438A/ENES489A and BMGT/ENES 390H courses
- Take the BMGT438A/ENES489A and BMGT/ENES 390H courses concurrently
- Substitute another course/set of experiences for their elective course

ACCOUNTING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

AEROSPACE ENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	pending syllabus
BMGT/ENES390H	Designing Innovative Systems	3	N/A
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	N/A
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

BIOENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Breadth Elective
BMGT/ENES390H	Designing Innovative Systems	3	N/A
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	N/A
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

CIVIL ENGINEERING

Course Number	Title	Credits	Major Requirement (if any)
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Evaluated for Tech elective approval on case by case basis
BMGT/ENES390H	Designing Innovative Systems	3	N/A
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	N/A
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

CHEMICAL ENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Pending Syllabus - Technical Elective
BMGT/ENES390H	Designing Innovative Systems	3	Pending Syllabus - Technical Elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	N/A
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

COMPUTER ENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	General Tech Elective
BMGT/ENES390H	Designing Innovative Systems	3	General Tech Elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	General Tech Elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	General Tech Elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Pending Syllabus
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Pending Syllabus
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

COMPUTER SCIENCE

Course Number	Title	Credits	Major Requirement (if any)
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper Level Elective/Concentration
BMGT/ENES390H	Designing Innovative Systems	3	Upper Level Elective/Concentration
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper Level Elective/Concentration
BMGT408C	Quality Web Development in Business	3	Needs Syllabus Review
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper Level Elective/Concentration
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper Level Elective/Concentration
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper Level Elective/Concentration
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper Level Elective/Concentration

ELECTRICAL ENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	General Tech Elective
BMGT/ENES390H	Designing Innovative Systems	3	General Tech Elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	General Tech Elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	General Tech Elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Pending Syllabus
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Pending Syllabus
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

FINANCE

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Will satisfy in place of "BMGT310, 313, 332, 430 or 434"
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)/Upper level elective
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

FIRE PROTECTION ENGINEERING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Technical Elective (Engineering 300 level +)
BMGT/ENES390H	Designing Innovative Systems	3	Technical Elective (Engineering 300 level +)
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	Technical Elective (Engineering 300 level +), General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ <u>ENES 397</u>	Mentoring Multidisciplinary Teams	3	Technical Elective (Engineering 300 level +)
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ <u>ENES489Q</u>	Design and Innovation in Silicon Valley	3	Technical Elective (Engineering 300 level +)
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ <u>ENES491</u>	Scoping Experiential Learning Projects	3	Technical Elective (Engineering 300 level +)

INFORMATION SYSTEMS

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)/Upper level elective
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Major Requirement (List A Option)
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

INTERNATIONAL BUSINESS

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)/Upper level elective
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

MANAGEMENT

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)/Upper level elective
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

MARKETING

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)/Upper level elective
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

MATERIALS SCIENCE ENGINEERING

Course Number	Title	Credits	Major Requirement (if any)
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Technical elective. **will need prior approval
BMGT/ENES390H	Designing Innovative Systems	3	ENES course would need clear documentation to show it meets the Materials Science and Engineering requirements prior to approval
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	ENES course would need clear documentation to show it meets the Materials Science and Engineering requirements prior to approval
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	ENES course would need clear documentation to show it meets the Materials Science and Engineering requirements prior to approval
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	ENES course would need clear documentation to show it meets the Materials Science and Engineering requirements prior to approval

MATHEMATICS

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Can replace BMGT340 in supporting sequence
BMGT/ENES390H	Designing Innovative Systems	3	N/A
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	N/A
BMGT408C	Quality Web Development in Business	3	N/A
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	N/A
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	N/A
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	N/A
BMGT/ENES491	Scoping Experiential Learning Projects	3	N/A

MECHANICAL ENGINEERING

Course Number	Title	Credits	Major Requirement (if any)
BMGT/ENES190H	Introduction to Design and Quality	4	in lieu of ENME371, OR General Education Distributive Studies: Scholarship in Practice (DSSP) but not both!
BMGT438A/ENES478A	Applied Quantitative Analysis	3	Out of Major Technical Elective, talk to advisor about limits
BMGT/ENES390H	Designing Innovative Systems	3	Out of Major Technical Elective, talk to advisor about limits
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	Out of Major Technical Elective OR General Education Distributive Studies: Scholarship in Practice (DSSP) but not both!
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Out of Major Technical Elective, talk to advisor about limits
BMGT408C	Quality Web Development in Business	3	Out of Major Technical Elective, talk to advisor about limits
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Out of Major Technical Elective, talk to advisor about limits
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Out of Major Technical Elective, talk to advisor about limits
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Out of Major Technical Elective, talk to advisor about limits
BMGT/ENES491	Scoping Experiential Learning Projects	3	Out of Major Technical Elective, talk to advisor about limits

OPERATIONS MANAGEMENT

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	Major Requirement (OM&BA course option)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective

SUPPLY CHAIN MANAGEMENT

Course Number	Title	Credits	Major Requirement
BMGT/ENES190H	Introduction to Design and Quality	4	General Education Distributive Studies: Scholarship in Practice (DSSP)
BMGT438A/ENES489A	Applied Quantitative Analysis	3	Upper level elective
BMGT/ENES390H	Designing Innovative Systems	3	Upper level elective
BMGT/ENES490H	QUEST Capstone Professional Practicum	4	Major Requirement (SCM major option)
BMGT/ENES 397	Mentoring Multidisciplinary Teams	3	Upper level elective
BMGT408C	Quality Web Development in Business	3	Upper level elective
BMGT438G/ENES489Q	Design and Innovation in Silicon Valley	3	Upper level elective
BMGT438Q/BMGT438K/BMGT438R	Doing Business in Asia	3	Upper level elective
BMGT438M	Leading Innovation and Design in a Cross-Cultural Setting (Spain)	3	Upper level elective
BMGT/ENES491	Scoping Experiential Learning Projects	3	Upper level elective