

ENGINEERING

MINOR CONCENTRATION

A minor concentration requires a minimum of six courses, representing at least eighteen credits, in the minor field of study. In addition, a department may add academic prerequisites or requirements in related fields, but the total will not exceed 60% of the department's major program requirements. Minor requirements are listed under departmental entries. In order to complete requirements for a minor, the student must take the majority of credits in the minor field at King's. Minor areas of concentration (minors) are permitted, but not required.

Monitoring of student progress in pursuing a minor in **Engineering** is necessary to enhance the student learning experience. Therefore, a written declaration must be submitted by the student to the Registrar.

NOTE: The Engineering Minor is open to Science and Mathematics majors who will complete the following courses:

_____	CHEM 113/L General Chemistry I with lab	4
_____	CHEM 114/L General Chemistry II with lab	4
_____	PHYS 113/L Physics for Scientists and Engineers I with lab	4
_____	PHYS 114/L Physics for Scientists and Engineers II with lab	4
_____	MATH 129 Analytic Geometry/Calculus I	4
_____	MATH 130 Analytic Geometry/Calculus II	4
_____	MATH 231 Analytic Geometry/Calculus III	4
_____	MATH 237 Mathematical Methods for the Physical Sciences OR	
_____	MATH 250 Linear Algebra	4
_____	MATH 238 Differential Equations	3

Minor Requirements		
<i>(6 courses of study, plus associated labs – 19 – 19.5 credits)</i>		Credits
_____	ENGR 150 Engineering Seminar	2
_____	ENGR 250/L System Design and Analysis with Lab (4)	4
_____	ENGR 350/L Engineering Materials with Lab (3.5)	3.5
_____	<i>A minimum of three (3) elective engineering courses with laboratory chosen in consultation with departmental advisors.</i>	9.5 - 10

For more information regarding the **Engineering** minor including but not limited to course descriptions and department chairpersons, please visit the online college course catalog

https://www.kings.edu/academics/undergraduate_majors/engineering/engineering_minor