

# College of Science

## Major Vacancies and Minimum Requirements to Apply for a Major

### 2012 - 2015 Cohorts

**To Apply for a Major, students need LANC 2058 and Three Introductory Science Courses from BIOL 2101, CHEM 2101, COMP 2101, ERSC 2101, PHYS 2101, STAT 1001, MATH 2107**

Major	Vacancies		Science Courses Required to Choose Major (in addition to LANC 2058)	Minimum Departmental Requirements	Department Representative
	2012	2013			
Biotechnology	39	60	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. S. Farook
Environmental Biology	40	40	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. H. Sulaiman
Chemistry	40	60	CHEM 2101, MATH 2107 + ONE Science Courses	C+ in CHEM 2101, C in MATH 2107, Cumulative GPA 2.30	Dr. E. Khudaish/ Dr. H. Al Mamari
Applied Chemistry	10	20	CHEM 2101, PHYS 2101, MATH 2107	C in CHEM2101, C in PHYS2101, C in MATH2107, Cumulative GPA 2.50	Dr. B. Al Shihi
Computer Science	59	65	COMP 2101, MATH 2107 + ONE Science Course	C- in MATH 2107 OR C average in MATH 2107 & MATH 2108 AND C in COMP 2101 OR C average in COMP 2101 & COMP 2102	Dr. A. Abdesselam
Earth Sciences	45	55	ERSC 2101 + TWO Science Courses	C+ in ERSC2101, Cumulative GPA 2.50	Dr. A. Al Sayigh
Geophysics	20	30	ERSC 2101, PHYS 2101, MATH 2107	C+ in ERSC2101, C+ in PHYS2101 & C in MATH2107, Cumulative GPA 2.30	Dr. N. Sundarajan
Mathematics	38	50	MATH 2107 + TWO Science Courses	C in MATH2107, Priority will be given to students with higher overall GPA.	Dr. A. Purnama
Statistics	43	50	MATH 2107, STAT 1001 + ONE Science Course	C in STAT1001 and C in MATH 2107	Dr. A. Al Hadhrami
Statistics/ Health Statistics (Minor) (Male students only)	20	20			
Physics	42	55	PHYS 2101 + TWO Science Courses.	C+ in PHYS2101 and C in MATH 2107, Cumulative CPA 2.30	Dr. N. Sulaiman
Physics/ Medical Physics (Minor)	3	12	PHYS 2101, BIOL 2101 + ONE Science Course	C in PHYS2101, C in BIOL2101 and CGPA 2.50	

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### 2011 Cohort

**To Apply for a Major, students need LANC 2058 and Three Introductory Science Courses from BIOL 2101, CHEM 2101, COMP 2101, ERSC 2101, PHYS 2101, STAT 1001, MATH 2107**

<b>Major</b>	<b>Vacancies 2011 Cohort</b>	<b>Science Courses Required to Choose Major (in addition to LANC 2058)</b>	<b>Minimum Departmental Requirements</b> Wherever the required grade is an average from two courses, the candidate for the vacancy must not have a grade below <b>C</b> in either of the courses considered.	<b>Department Representative</b>
Biotechnology	11	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. S. Farook
Environmental Biology	30	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. H. Sulaiman
Chemistry		CHEM 2101, MATH 2107 + ONE Science Courses	C+ in CHEM 2101, C in MATH 2107, Cumulative GPA 2.30	Dr. E. Khudaish/ Dr. H. Al Mamari
Applied Chemistry		CHEM 2101, PHYS 2101, MATH 2107	C in CHEM2101, C in PHYS2101, C in MATH2107, Cumulative GPA 2.50	Dr. B. Al Shihi
Computer Science	37	COMP 2101, MATH 2107 + ONE Science Course	C- in MATH 2107 AND C in COMP 2101 <u>OR</u> C average in COMP 2101 & COMP 2102	Dr. A. Abdesselam
Earth Sciences		ERSC 2101 + TWO Science Courses	C+ in ERSC2101, Cumulative GPA 2.30	Dr. A. Al Sayigh
Geophysics		ERSC 2101, PHYS 2101, MATH 2107	C average in ERSC2101, PHYS2101 & MATH2107	Dr. N. Sundarajan
Mathematics	34	MATH 2107 + TWO Science Courses	C in MATH2107, Priority will be given to students with higher overall GPA.	Dr. A. Purnama
Statistics	29	MATH 2107, STAT 1001 + ONE Science Course	C in STAT1001 and C in MATH 2107	Dr. A. Al Hadhrami
Statistics/ Health Statistics (Minor) (Male students only)	19			
Physics	17	PHYS 2101 + TWO Science Courses.	C in PHYS2101	Dr. N. Sulaiman
Physics/ Medical Physics (Minor)		PHYS 2101, BIOL 2101 + ONE Science Course	C in PHYS2101, C in BIOL2101, GPA 2.50	

Dr. F. A. Al Mjeni  
Assistant Dean UGS  
February 19, 2014

**College of Science**  
**Major Vacancies and Minimum Requirements to Apply for a Major**  
**2010 Cohort**

**To Apply for a Major, Students need Three Introductory Science Courses from  
 BIOL 2101, CHEM 2101, COMP 2101, ERSC 2101, PHYS 2101, STAT 1001, MATH 2107  
 (No LANC course is required)**

<b>Major</b>	<b>Vacancies 2010 Cohort</b>	<b>Science Courses Required to Choose Major</b>	<b>Minimum Departmental Requirements</b> Wherever the required grade is an average from two courses, the candidate for the vacancy must not have a grade below <b>C</b> in either of the courses considered.	<b>Department Representative</b>
Biotechnology	6	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. S. Farook
Environmental Biology	27	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. H. Sulaiman
Chemistry		CHEM 2101, MATH 2107 + ONE Science Course	C+ in CHEM 2101, C in MATH 2107, Cumulative GPA 2.30	Dr. E. Khudaish/ Dr. H. Al Mamari
Applied Chemistry		CHEM 2101, PHYS 2101, MATH 2107	C in CHEM2101, C in PHYS2101, C in MATH2107, Cumulative GPA 2.50	Dr. B. Al Shihi
Computer Science	24	COMP 2101, MATH 2107 + ONE Science Course	C- in MATH 2107 AND C in COMP 2101 <u>OR</u> C average in COMP 2101 & COMP 2102	Dr. A. Abdesselam
Earth Sciences		ERSC 2101 + TWO Science Courses	C+ in ERSC2101, Cumulative GPA 2.30	Dr. A. Al Sayigh
Geophysics		ERSC 2101, PHYS 2101, MATH 2107	C average in ERSC2101, PHYS2101 & MATH2107	Dr. N. Sundarajan
Mathematics	19	MATH 2107 + TWO Science Courses	C in MATH2107, Priority will be given to students with higher overall GPA.	Dr. A. Purnama
Statistics	13	MATH 2107, STAT 1001 + ONE Science Course	C in STAT1001 and C in MATH2107	Dr. A. Al Hadhrami
Statistics/ Health Statistics (Minor) (Male students only)	11			
Physics	10	PHYS 2101 + TWO Science Courses	C+ in PHYS2101 and CGPA $\geq$ 2.3	Dr. N. Sulaiman
Physics/ Medical Physics (Minor)		PHYS 2101, BIOL 2101 + ONE Science Course	C+ in PHYS 2101, C in BIOL2101 and CGPA 2.50	

Dr. F. A. Al Mjeni  
 Assistant Dean UGS  
 February 19, 2014

**College of Science**  
**Major Vacancies and Minimum Requirements to Apply for a Major**

**2007 – 2009 Cohorts**

To Apply for a Major, students need **LANC 2050** and **Three Introductory Science Courses from BIOL 2101, CHEM 2101, COMP 2101, ERSC 2101, PHYS 2101, STAT 1001, MATH 2107**

Major	Vacancies			Science Courses Required to Choose Major (in addition to LANC 2050)	Minimum Departmental Requirements Wherever the required grade is an average from two courses, the candidate for the vacancy must not have a grade below <b>C</b> in either of the courses considered.	Department Representative
	2007	2008	2009			
Biotechnology		7		BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. S. Farook
Environmental Biology	27	31	29	BIOL 2101 + TWO Science Courses	C in BIOL2101	Dr. H. Sulaiman
Chemistry				CHEM 2101 + TWO Science Course	<b>For 2008 cohort onwards:</b> C+ in CHEM 2101, C in MATH 1106, Cumulative GPA 2.30	Dr. E. Khudaish/ Dr. H. Al Mamari
Applied Chemistry			1	CHEM 2101, PHYS 2101, MATH 2107	C in CHEM2101, C in PHYS2101, C in MATH2107, Cumulative GPA 2.50	Dr. B. Al Shihi
Computer Science	1	18	1	COMP 2101, MATH 2107 + ONE Science Course	C- in MATH 2107 AND C in COMP 2101 OR C average in COMP 2101 & COMP 2102	Dr. A. Abdesselam
Earth Sciences				ERSC 2101 + TWO Science Courses	<b>For 2008 cohort onwards:</b> C+ in ERSC2101, Cumulative GPA 2.30	Dr. A. Al Sayigh
Geophysics				ERSC 2101, PHYS 2101, MATH 2107	C average in ERSC2101, PHYS2101 & MATH2107	Dr. N. Sundarajan
Mathematics	30	13	13	MATH 2107 + TWO Science Courses	C in MATH2107, Priority will be given to students with higher overall GPA.	Dr. A. Purnama
Statistics	25	29	23	MATH 2107, STAT 1001 + ONE Science Course	C in STAT1001 and C in MATH 2107 or (C- in MATH2107 & GPA 2.00 Average in MATH 1106 & MATH 2107)	Dr. A. Al Hadhrami
Statistics/Health Statistics (Minor) (Male students only)	17	16	16		<b>For 2008: cohort onwards:</b> C in STAT1001 & one of the following: (i) C in MATH2107 (ii) C- in MATH2107 and C+ in MATH1106	
Physics				PHYS 2101 + TWO Science Courses.	C in PHYS 2101 and C in MATH 2107 or (C- in MATH 2107 & a GPA 2.00 Average C in MATH 1106 & MATH 2107) <b>For 2008 and 2009 cohorts:</b> C in PHYS2101 and Average C in MATH1106 & MATH2107	Dr. N. Sulaiman
Physics/ Medical Physics (Minor)				PHYS 2101, BIOL 2101, + ONE Science Course	C in PHYS 2101 and C in MATH 2107 or (C- in MATH 2107 & a GPA 2.00 Average C in MATH 1106 & MATH 2107) C in BIOL 2101 and Cumulative GPA $\geq 2.5$ <b>For 2008 and 2009 cohorts:</b> C in PHYS2101, C in BIOL2101, GPA 2.5 and C in MATH 1106	