Bachelor of Science in Engineering in Biomedical Engineering & French [1]

	CHEM 1127Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering (BME Section)	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	4
	BME 3101– Introduction to Biomedical Engineering	3
	Content Area 1 CLAS ARTS (Not in PHIL or in FREN)	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	ECE 2001W – Electrical Circuits	4
	FREN 1164	3
	MATH 2410Q – Elementary Differential Equations	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	PNB 2264 - Human Physiology and Anatomy	4
	ECE 3101 – Signals & Systems	3
	MSE 2101 - Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level FREN Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	2000 - Level FREN Class	3
	PHIL 1104 – Philosophy & Ethics	3
	FREN 3261W (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	FREN 3262W	3
	Content Area 2 (Social Sciences)	3
	FREN 3211 (CLAS Category 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	FREN 3268W	3
	FREN 3269	3
	Content Area 4 (Multiculturalism)	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level Language Class FREN 3257	3
	2000 - Level FREN Class	3
	2000 - Level FREN Class	3
	Content Area 1 CLAS History	3

[1] With 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & French[2]

	CHEM 1127Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	FREN 1161	3
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	FREN 1162	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	FREN 1163	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	FREN 1164	3
	BME 3500 - Biomedical Engineering Measurements	4
	BME 3600W - Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 - Human Physiology and Anatomy	4
	MSE 2101 - Material Science & Engineering I or MSE 2001 - Stuc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 - Organic Chemistry (Study Abroad)	3
	2000 - Level FREN Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	2000 - Level FREN Class	3
	Content Area 1 CLAS ARTS (Not in PHIL or in FREN)	3
	PHIL 1104 - Philosophy & Ethics	3
	FREN 3261W (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	FREN 3262W	3
	Content Area 2 (Social Sciences)	3
	FREN 3211 (CLAS Content Area 4 International)	3
	BME 4900 - Biomedical Engineering Design I	3
	Free Elective	3
	FREN 3268W	3
	Content Area 4 (Multiculturalism)	3
	FREN 3269	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 - Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level Language Class FREN 3257	3
	2000 - Level FREN Class	3
	2000 - Level FREN Class	3
	Content Area 1 CLAS History	3

[2] Without 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & German[3]

	CHEM 1127 Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	Content Area 2 (Social Sciences)	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	ECE 2001W – Electrical Circuits	4
	GERM 1134	3
	MATH 2410Q – Elementary Differential Equations	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level GERM Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in GERM)	3
	PHIL 1104 – Philosophy & Ethics	3
	Content Area 4 (Multiculturalism) GERM 3251	3
	GERM 3233	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	GERM 3255W (CLAS Content Area 1 Literature)	3
	GERM 3261W (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	GERM 3234	3
	GERM 4246	3
	2000 - Level GERM Content Area 2	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level GERM Content Area 2	3
	2000 - Level GERM Content Area 4	3
	Content Area 1 CLAS History	3

[3] With 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & German[4]

	CHEM 1127 Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	GERM 1131	3
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	GERM 1132	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	GERM 1133	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	GERM 1134	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Stuc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level GERM Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in GERM)	3
	PHIL 1104 – Philosophy & Ethics	3
	GERM 3233	3
	Content Area 2 (Social Sciences)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	GERM 3255W (CLAS Content Area 1 Literature)	3
	Content Area 4 (Multiculturalism) GERM 3251	3
	GERM 3261W (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	GERM 3234	3
	GERM 4246	3
	2000 - Level GERM Content Area 2	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level GERM Content Area 2	3
	2000 - Level GERM Content Area 4	3
	Content Area 1 CLAS History	3

[4] Without 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & Italian[5]

	CHEM 1127 Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1100C – Introduction to Computing	2
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	ILCS 1148	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level ILCS Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in ILCS)	3
	PHIL 1104 – Philosophy & Ethics	3
	Content Area 2 (Social Sciences)	3
	ILCS 3255W (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	2000 - Level ILCS Class	3
	Content Area 4 (Multiculturalism)	3
	ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	Content Area 1 CLAS History	3

[5] With 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & Italian[6]

	CHEM 1127Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	ILCS 1145	3
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	ILCS 1146	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	ILCS 1147	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	ILCS 1148	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level ILCS Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in ILCS)	3
	PHIL 1104 – Philosophy & Ethics	3
	Content Area 2 (Social Sciences)	3
	ILCS 3255W (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	2000 - Level ILCS Class	3
	Content Area 4 (Multiculturalism)	3
	ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	2000 - Level ILCS Class	3
	Content Area 1 CLAS History	3

[6] Without 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & Spanish[7]

	CHEM 1127 Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	SPAN 1004	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level SPAN Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in SPAN)	3
	PHIL 1104 – Philosophy & Ethics	3
	Content Area 2 (Social Sciences)	3
	SPAN 3232 (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	SPAN 3240W or SPAN 4200W	3
	Content Area 4 (Multiculturalism)	3
	SPAN 3250 (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	SPAN Literature Group (Not SPAN 3232)	3
	SPAN Literature Group (Not SPAN 3232)	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	SPAN Literature Group (if Taken SPAN 3240W and Not SPAN 3232) or SPAN Culture Group (if Taken SPAN4200W)	3
	SPAN Culture Group	3
	Content Area 1 CLAS History	3

[7] With 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.

Bachelor of Science in Engineering in Biomedical Engineering & Spanish[8]

	CHEM 1127 Q – General Chemistry	4
	MATH 1131Q – Calculus I	4
	CSE 1010 – Introduction to Computing for Engineers	3
	ENGL 1010 or 1011 – Seminar in Academic Writing or Seminar in Writing Through Literature	4
	ENGR 1000 – Orientation to Engineering	1
	SPAN 1001	3
	CHEM 1128Q – General Chemistry	4
	MATH 1132Q – Calculus II	4
	BIOL 1107 – Principles of Biology	4
	ENGR 1166 – Foundations of Engineering for BMEs	3
	SPAN 1002	3
	PHYS 1501Q – Physics for Engineers I	4
	MATH 2110Q – Multivariable Calculus	4
	CE 2110 – Applied Mechanics I	3
	BME 3101 – Introduction to Biomedical Engineering	3
	SPAN 1003	3
	PHYS 1502Q – Physics for Engineers II	4
	BME 3120 – LabVIEW Basics for Biomedical Engineers	1
	MATH 2410Q – Elementary Differential Equations	3
	ECE 2001W – Electrical Circuits	4
	SPAN 1004	3
	BME 3500 – Biomedical Engineering Measurements	4
	BME 3600W – Biomechanics	4
	ECE 3101 – Signals & Systems	3
	PNB 2264 – Human Physiology and Anatomy	4
	MSE 2101 – Material Science & Engineering I or MSE 2001 – Struc, Prop, & Proc Mater I	3
	BME 3700 – Biomaterials (Study Abroad)	4
	Engineering Elective (Study Abroad)	3
	STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	3
	CHEM 2443 – Organic Chemistry (Study Abroad)	3
	2000 - Level SPAN Class (Study Abroad)	3
	Biomedical Engineering Elective	3
	Engineering Elective	3
	Content Area 1 (World Cultures; not in SPAN)	3
	PHIL 1104 – Philosophy & Ethics	3
	Content Area 2 (Social Sciences)	3
	SPAN 3232 (CLAS Content Area 1 Literature)	3
	Biomedical Engineering Elective	3
	Biomedical Engineering Elective	1-3
	Engineering Elective	3
	SPAN 3240W or SPAN 4200W	3
	Content Area 4 (Multiculturalism)	3
	SPAN 3250 (CLAS Content Area 1 Arts and Content Area 4 International)	3
	BME 4900 – Biomedical Engineering Design I	3
	Free Elective	3
	SPAN Literature Group (Not SPAN3232)	3
	SPAN Literature Group (Not SPAN 3232)	3
	Content Area 2 (Social Sciences; not same department as in Senior Year)	3
	BME 4910 – Biomedical Engineering Design II	3
	Engineering Elective	3
	SPAN Literature Group (if Taken SPAN3240W and Not SPAN 3232) or SPAN Culture Group (if Taken SPAN4200W)	3
	SPAN Culture Group	3
	Content Area 1 CLAS History	3

[8] Without 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.