Bachelor of Science in Engineering in Biomedical Engineering & French <sup>1</sup>

Bachelor of Science in Engineering in Biomedical Engineering &	French
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
Content filed I CL2 to file I (Not in I This of in I KL2 v)	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	
FREN 3268W	3
FREN 3269	3
Content Area 4 (Multiculturalism)	3
Content Area 4 (Multiculturalism)  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

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<sup>1</sup> 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<sup>2</sup>

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

<sup>&</sup>lt;sup>2</sup> 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<sup>3</sup>

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

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<sup>&</sup>lt;sup>3</sup> 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<sup>4</sup>

Dacheror of Science in Engineering in Biomedical Engineering & Ge	IIIIaii
CHEM 1127 Q - General Chemistry	
MATH 1131Q - Calculus I	
CSE 1010 - Introduction to Computing for Engineers	
ENGL 1010 or 1011 - Seminar in Academic Writing or Seminar in Writing Through Literature	
ENGR 1000 - Orientation to Engineering	
GERM 1131	
CHEM 1128Q - General Chemistry	
MATH 1132Q - Calculus II	
BIOL 1107 – Principles of Biology	
ENGR 1166 - Foundations of Engineering for BMEs	
GERM 1132	
PHYS 1501Q - Physics for Engineers I	
MATH 2110Q - Multivariable Calculus	
CE 2110 - Applied Mechanics I	
BME 3101 - Introduction to Biomedical Engineering	
GERM 1133	
GLIGHTI30	
PHYS 1502Q - Physics for Engineers II	
BME 3120 - LabVIEW Basics for Biomedical Engineers	
MATH 2410Q - Elementary Differential Equations	
ECE 2001W - Electrical Circuits	
GERM 1134	
BME 3500 - Biomedical Engineering Measurements	
BME 3600W - Biomechanics	
ECE 3101 - Signals & Systems	
PNB 2264 - Human Physiology and Anatomy	
MSE 2101 - Material Science & Engineering I or MSE 2001 - Stuc, Prop, & Proc Mater I	
DME 2700 Piometerials (Ctudy Abroad)	
BME 3700 - Biomaterials (Study Abroad)	
Engineering Elective (Study Abroad)	
STAT 3025Q – Statistical Methods (Calculus Level) (Study Abroad)	
CHEM 2443 - Organic Chemistry (Study Abroad)	
2000 - Level GERM Class (Study Abroad)	
Biomedical Engineering Elective	
Engineering Elective	
Content Area 1 (World Cultures; not in GERM)	
PHIL 1104 - Philosophy & Ethics	
GERM 3233	
Content Area 2 (Social Sciences)	
Content Area 2 (30ctat 3ctences)	_
Biomedical Engineering Elective	
Biomedical Engineering Elective	
Engineering Elective	
GERM 3255W (CLAS Content Area 1 Literature)	
Content Area 4 (Multiculturalism) GERM 3251	
GERM 3261W (CLAS Content Area 1 Arts and Content Area 4 International)	+
BME 4900 - Biomedical Engineering Design I	
Free Elective	
GERM 3234	
GERM 3234	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2 Content Area 2 (Social Sciences; not same department as in Senior Year)	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2 Content Area 2 (Social Sciences; not same department as in Senior Year) BME 4910 - Biomedical Engineering Design II	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2 Content Area 2 (Social Sciences; not same department as in Senior Year) BME 4910 - Biomedical Engineering Design II Engineering Elective	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2 Content Area 2 (Social Sciences; not same department as in Senior Year) BME 4910 - Biomedical Engineering Design II	
GERM 3234 GERM 4246 2000 - Level GERM Content Area 2 Content Area 2 (Social Sciences; not same department as in Senior Year) BME 4910 - Biomedical Engineering Design II Engineering Elective	

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<sup>&</sup>lt;sup>4</sup> 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<sup>5</sup>

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

<sup>&</sup>lt;sup>5</sup> 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<sup>6</sup>

MATI 11210 C-11 I	
MATH 1131Q - Calculus I	
CSE 1010 - Introduction to Computing for Engineers	
ENGL 1010 or 1011 - Seminar in Academic Writing or Seminar in Writing Through Literature	
ENGR 1000 - Orientation to Engineering	
ILCS 1145	
CHEM 1128Q - General Chemistry	
MATH 1132Q - Calculus II	
BIOL 1107 - Principles of Biology	
ENGR 1166 – Foundations of Engineering for BMEs	
ILCS 1146	
PHYS 1501Q - Physics for Engineers I	
MATH 2110Q - Multivariable Calculus	
CE 2110 - Applied Mechanics I	
BME 3101 - Introduction to Biomedical Engineering	
ILCS 1147	
PHYS 1502Q - Physics for Engineers II	
BME 3120 - LabVIEW Basics for Biomedical Engineers	
MATH 2410Q - Elementary Differential Equations	
ECE 2001W - Electrical Circuits	
ILCS 1148	
BME 3500 - Biomedical Engineering Measurements	
BME 3600W - Biomechanics	
ECE 3101 - Signals & Systems	
PNB 2264 - Human Physiology and Anatomy	
MSE 2101 - Material Science & Engineering I or MSE 2001 - Struc, Prop, & Proc Mater I	
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BME 3700 - Biomaterials (Study Abroad)	
Engineering Elective (Study Abroad)	
STAT 3025Q - Statistical Methods (Calculus Level) (Study Abroad)	
CHEM 2443 - Organic Chemistry (Study Abroad)	
2000 - Level ILCS Class (Study Abroad)	
Biomedical Engineering Elective	
Engineering Elective	
Content Area 1 (World Cultures; not in ILCS)	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences)	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class	
Content Area 1 (World Cultures; not in ILCS)  PHIL 1104 - Philosophy & Ethics  Content Area 2 (Social Sciences)  ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective  Biomedical Engineering Elective  Engineering Elective  2000 - Level ILCS Class  Content Area 4 (Multiculturalism)	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International) BME 4900 - Biomedical Engineering Design I	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I Free Elective	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I Free Elective 2000 - Level ILCS Class	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I Free Elective 2000 - Level ILCS Class 2000 - Level ILCS Class	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I Free Elective 2000 - Level ILCS Class 2000 - Level ILCS Class 2000 - Level ILCS Class	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I Free Elective 2000 - Level ILCS Class 2000 - Level ILCS Class	
Content Area 1 (World Cultures; not in ILCS)  PHIL 1104 - Philosophy & Ethics  Content Area 2 (Social Sciences)  ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective  Biomedical Engineering Elective  Engineering Elective  2000 - Level ILCS Class  Content Area 4 (Multiculturalism)  ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I  Free Elective  2000 - Level ILCS Class  2000 - Level ILCS Class  2000 - Level ILCS Class  Content Area 2 (Social Sciences; not same department as in Senior Year)	
Content Area 1 (World Cultures; not in ILCS)  PHIL 1104 - Philosophy & Ethics  Content Area 2 (Social Sciences)  ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective  Biomedical Engineering Elective  Engineering Elective  2000 - Level ILCS Class  Content Area 4 (Multiculturalism)  ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I  Free Elective  2000 - Level ILCS Class  2000 - Level ILCS Class  Content Area 2 (Social Sciences; not same department as in Senior Year)  BME 4910 - Biomedical Engineering Design II	
Content Area 1 (World Cultures; not in ILCS) PHIL 1104 - Philosophy & Ethics Content Area 2 (Social Sciences) ILCS 3255W (CLAS Content Area 1 Literature) Biomedical Engineering Elective Biomedical Engineering Elective Engineering Elective 2000 - Level ILCS Class Content Area 4 (Multiculturalism) ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International) BME 4900 - Biomedical Engineering Design I Free Elective 2000 - Level ILCS Class 2000 - Level ILCS Class 2000 - Level ILCS Class Content Area 2 (Social Sciences; not same department as in Senior Year)  BME 4910 - Biomedical Engineering Design II Engineering Elective	
Content Area 1 (World Cultures; not in ILCS)  PHIL 1104 - Philosophy & Ethics  Content Area 2 (Social Sciences)  ILCS 3255W (CLAS Content Area 1 Literature)  Biomedical Engineering Elective  Biomedical Engineering Elective  Engineering Elective  2000 - Level ILCS Class  Content Area 4 (Multiculturalism)  ILCS 3260W (CLAS Content Area 1 Arts and Content Area 4 International)  BME 4900 - Biomedical Engineering Design I  Free Elective  2000 - Level ILCS Class  2000 - Level ILCS Class  Content Area 2 (Social Sciences; not same department as in Senior Year)  BME 4910 - Biomedical Engineering Design II	

<sup>&</sup>lt;sup>6</sup> 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<sup>7</sup>

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

<sup>&</sup>lt;sup>7</sup> 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<sup>8</sup>

Bachelor of Science in Engineering in Biomedical Engineering & Spanish	.0
CHEM 1127 Q - General Chemistry	
MATH 1131Q - Calculus I	
CSE 1010 - Introduction to Computing for Engineers	
ENGL 1010 or 1011 - Seminar in Academic Writing or Seminar in Writing Through Literature	
ENGR 1000 - Orientation to Engineering	
SPAN 1001	
CHEM 1128Q - General Chemistry	
MATH 1132Q - Calculus II	
BIOL 1107 – Principles of Biology	
ENGR 1166 - Foundations of Engineering for BMEs	
SPAN 1002	
PHYS 1501Q - Physics for Engineers I	
MATH 2110Q - Multivariable Calculus	
CE 2110 – Applied Mechanics I	
BME 3101 - Introduction to Biomedical Engineering	1
SPAN 1003	
NUMBER OF THE PARTY OF THE PART	
PHYS 1502Q - Physics for Engineers II	
BME 3120 - LabVIEW Basics for Biomedical Engineers	
MATH 2410Q - Elementary Differential Equations	
ECE 2001W - Electrical Circuits	
SPAN 1004	
BME 3500 - Biomedical Engineering Measurements	
BME 3600W - Biomechanics	
ECE 3101 - Signals & Systems	
PNB 2264 - Human Physiology and Anatomy	
MSE 2101 - Material Science & Engineering I or MSE 2001 - Struc, Prop, & Proc Mater I	
BME 3700 - Biomaterials (Study Abroad)	
Engineering Elective (Study Abroad)	
STAT 3025Q - Statistical Methods (Calculus Level) (Study Abroad)	
CHEM 2443 - Organic Chemistry (Study Abroad)	
2000 - Level SPAN Class (Study Abroad)	
Biomedical Engineering Elective	
Engineering Elective	
Content Area 1 (World Cultures; not in SPAN)	
PHIL 1104 - Philosophy & Ethics	
Content Area 2 (Social Sciences)	
SPAN 3232 (CLAS Content Area 1 Literature)	
Biomedical Engineering Elective	
Biomedical Engineering Elective	+
Engineering Elective	
SPAN 3240W or SPAN 4200W	
Content Area 4 (Multiculturalism)	
SPAN 3250 (CLAS Content Area 1 Arts and Content Area 4 International)	
BME 4900 - Biomedical Engineering Design I	
Free Elective	
SPAN Literature Group (Not SPAN3232)	
SPAN Literature Group (Not SPAN 3232)	
Content Area 2 (Social Sciences; not same department as in Senior Year)	
DIFF (odd) Distriction of the Control of the Contro	
BME 4910 - Biomedical Engineering Design II	
Engineering Elective	I
Engineering Elective	

<sup>&</sup>lt;sup>8</sup> Without 3 Years of HS Foreign Language. Verify course sequence and degree requirements from specific language department.