

STATISTICS, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Actuarial Option: Statistics, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*‡#†}	4 MATH 141 (GQ) ^{*‡#†}	4
STAT 200 (GQ) ^{*†}	4 MATH 220 ^{*†}	3
STAT 184 [*]	3 ECON 104 (GS) [†]	3
PSU 16	1 ACCTG 211 [*]	4
ECON 102 (GS) [†]	3 General Education Course (GN)	3
	General Education Course (GHW)	1.5
	15	18.5

Second Year

Fall	Credits Spring	Credits
MATH 230 [*]	4 STAT 414 [*]	3
STAT 300 [*]	3 STAT 400 [*]	3
STAT 380 [*]	3 General Education Course (Inter-Domain)	3
CMPSC 131 ^{*†}	3 FIN 301 [*]	3
ENGL 15 (GWS) [‡]	3 RM 302 [*]	3
	16	15

Third Year

Fall	Credits Spring	Credits
STAT 415 [*]	3 RM 421	3
RM 410 [*]	3 STAT 463 [*]	3
CAS 100 (GWS) [‡]	3 400-level Advanced Stat	3
US Cultures	3 IL Cultures	3
General Education Course (Exploration)	3 General Education Course (GA)	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
ENGL 202C (GWS) [‡]	3 RM 412 or 422 ^{*1}	3

RM 411 [*]	3 STAT 470W [*]	3
RM 422 or 412 ^{*1}	3 STAT 480	1
400-level Advanced Stat	3 400-level Advanced Stat	3
General Education Course (GN)	3 General Education Course (GH)	3
General Education Course (GHW)	1.5 General Education Course (Inter-Domain)	3
	16.5	16

Total Credits 127

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Only required to take one of the courses from RM 412 or RM 422.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Advising Notes:

- Classes that listed under US and IL must be unique so that total credits adds up to what's needed. That is, if these classes are in either GN, GA, GS, GH, GHW or Exploration, you will need more credits to meet the total.
- Depending on your year of entrance, total credits required may be different. Please consult an adviser to make sure you are satisfying the degree requirement and total credits adds up to the required amount.

Applied Option: Statistics, B.S. at University Park Campus

Note: a supporting program is required for this program (e.g., minor or concurrent major); consultation with an academic adviser is recommended.

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*†‡††}	4 MATH 141 (GQ) ^{*†‡††}	4
STAT 200 (GQ) ^{*†}	4 MATH 220 ^{*†}	3
STAT 184 [*]	3 CMPSC 131 ^{*†}	3
ENGL 15 (GWS) [‡]	3 STAT 300	3
PSU 16	1 General Education Course (GN)	3
	15	16

Second Year

Fall	Credits Spring	Credits
MATH 230 [*]	4 STAT 414 [*]	3
STAT 380 [*]	3 CAS 100 (GWS) [‡]	3
STAT 480 [*]	1 Supporting Course	3
400-level Advanced Stat	3 Supporting Course	3
General Education Course (GS)	3 General Education Course (Inter-Domain)	3
General Education Course (GHW)	3	
	17	15

Third Year

Fall	Credits Spring	Credits
STAT 415 [*]	3 STAT 400 [*]	3
400-level Advanced Stat	3 ENGL 202C (GWS) [‡]	3
Supporting Course	3 400-level Advanced Stat	3
US Cultures	3 IL Cultures	3
General Education Course (Exploration)	3 General Education Course (GA)	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
400-level Advanced Stat	3 STAT 470W [*]	3
Supporting Course	3 Supporting Course	3
Supporting Course	3 General Education Course (Inter-Domain)	3
Supporting Course	3 General Education Course (Exploration)	3

General Education Course (GN)	3 General Education Course (GH)	3
	15	15
Total Credits 123		

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Advising Notes:

- A supporting program is required for this program (e.g., minor or concurrent major). Please consult an academic adviser.
- Classes that listed under US and IL must be unique so that total credits adds up to what's needed. That is, if these classes are in either GN, GA, GS, GH, GHW or Exploration, you will need more credits to meet the total.
- Depending on your year of entrance, total credits required may be different. Please consult an adviser to make sure you are satisfying the degree requirement and total credits adds up to the required amount.

Applied Option (MATH 26): Statistics, B.S. at University Park Campus

Note: a supporting program is required for this program (e.g., minor or concurrent major); consultation with an academic adviser is recommended.

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First Year

Fall	Credits Spring	Credits
MATH 26, 40, or MATH 41 (GQ)	3 MATH 140 (GQ) ^{*‡#†}	4
STAT 200 (GQ) ^{*†}	4 STAT 300 [*]	3
STAT 184 [*]	3 US Cultures	3
ENGL 15 (GWS) [‡]	3 General Education Course (GS)	3
PSU 16	1 General Education Course (GN)	3
General Education Course (GHW)	1.5	
	15.5	16

Second Year

Fall	Credits Spring	Credits
MATH 141 ^{*‡#†}	4 MATH 230 [*]	4
MATH 220 ^{*†}	3 CAS 100 (GWS) [‡]	3
CMPSC 131 ^{*†}	3 Supporting Course	3
STAT 380 [*]	3 Supporting Course	3
400-level Advanced Stat	3 General Education Course (Inter-Domain)	3
General Education Course (GHW)	1.5	
	17.5	16

Third Year

Fall	Credits Spring	Credits
STAT 414 [*]	3 STAT 400 [*]	3
ENGL 202C (GWS) [‡]	3 STAT 415 [*]	3
400-level Advanced Stat	3 400-level Advanced Stat	3
Supporting Course	3 IL Cultures	3
General Education Course (Exploration)	3 General Education Course (GA)	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
STAT 480 [*]	1 STAT 470W [*]	3
400-level Advanced Stat	3 Supporting Course	3
Supporting Course	3 General Education Course (Inter-Domain)	3
Supporting Course	3 General Education Course (Exploration)	3

Supporting Course	3 General Education Course (GH)	3
General Education Course (GN)	3	
	16	15

Total Credits 126

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

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W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Advising Notes:

- A supporting program is required for this program (e.g., minor or concurrent major). Please consult an academic adviser.
- Classes that listed under US and IL must be unique so that total credits adds up to what's needed. That is, if these classes are in either GN, GA, GS, GH, GHW or Exploration, you will need more credits to meet the total.
- Depending on your year of entrance, total credits required may be different. Please consult an adviser to make sure you are satisfying the degree requirement and total credits adds up to the required amount.

Biostatistics Option: Statistics, B.S. at University Park Campus

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First Year

Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*†##}	4 MATH 141 (GQ) ^{*†##}	4
STAT 200 (GQ) ^{**†}	4 STAT 300 [*]	3
STAT 184 [*]	2 ENGL 15 or ESL 15 (GWS) [‡]	3
PSU 16	1 CHEM 110 (GN) ^{**†}	3
BIOL 110 (GN) ^{**†}	4 CHEM 111 (GN) ^{**†}	1
	General Education Course (GHW)	1.5
	15	15.5

Second Year

Fall	Credits Spring	Credits
MATH 220 ^{**†}	3 STAT 414 [*]	3
MATH 230 [*]	4 BBH/HPA 440 [*]	3
BIOL 220W (GN) ^{**†}	4 CAS 100 (GWS) [‡]	3
STAT 380 [*]	3 CMPSC 131 ^{**†}	3
General Education Course (GA)	3 General Education Course (GH)	3
	17	15

Third Year

Fall	Credits Spring	Credits
STAT 415 [*]	3 STAT 463 [*]	3
STAT 400 [*]	3 STAT 416 [*]	3
ENGL 202C (GWS) [‡]	3 400-level BIOL [*]	3
BIOL 222, 230W, or 240W	3 General Education Course (IL)	3
General Education Course (GS)	3 General Education Course (IL)	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
STAT 440 [*]	3 STAT 470W [*]	3
STAT 466 [*]	3 STAT 464 [*]	3
400-level BIOL [*]	3 STAT 480 [*]	1
Supporting Course	3 Supporting Course	3
General Education Course (GN)	3 General Education Course (US)	3
	General Education Course (GHW)	1.5
	15	14.5

Total Credits 122

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

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W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Graduate Studies Option: Statistics, B.S. at University Park Campus

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First Year		
Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*†#†}	4 MATH 141 (GQ) ^{*†#†}	4
STAT 200 (GQ) ^{**†}	4 STAT 300 [*]	3
STAT 184 [*]	2 ENGL 15 or ESL 15 (GWS) [‡]	3
PSU 16	1 General Education Course (GH)	3
General Education Course (GA)	3 General Education Course (GN)	3
General Education Course (GHW)	1.5	
	15.5	16
Second Year		
Fall	Credits Spring	Credits
MATH 220 ^{*†}	3 STAT 414 [*]	3
MATH 230 [*]	4 MATH 312 [*]	3
CMPSC 131 ^{*†}	3 CAS 100 (GWS) [‡]	3
STAT 380 [*]	3 MATH 310 [*]	3
General Education Course (GS)	3 General Education Course (GA)	3
	16	15
Third Year		
Fall	Credits Spring	Credits
STAT 415 [*]	3 STAT 440 [*]	3
STAT 400 [*]	3 STAT 416 [*]	3
ENGL 202C [‡]	3 MATH 404 [*]	3
MATH 403 [*]	3 MATH 311W [*]	3
General Education Course (GH)	3 General Education Course (GS)	3
	15	15
Fourth Year		
Fall	Credits Spring	Credits
STAT 463 [*]	3 STAT 470W [*]	3
MATH 429 [*]	3 STAT 480 [*]	1
MATH 436 [*]	3 MATH 451 [*]	3
General Education Course (IL)	3 General Education Course (GN)	3
General Education Course (GN)	3 General Education Course (US)	3
	General Education Course (GHW)	1.5
	15	14.5
Total Credits 122		

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Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

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All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

* Course requires a grade of C or better for the major

Statistics and Computing Option: Statistics, B.S. at University Park Campus

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First Year

Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*†##}	4 MATH 141 (GQ) ^{*†##}	4
STAT 200 (GQ) ^{**†}	4 STAT 300 [*]	3
STAT 184 [*]	2 ENGL 15 or ESL 15 (GWS) [‡]	3
PSU 16	1 General Education Course (GH)	3
General Education Course (GA)	3 General Education Course (GN)	3
General Education Course (GHW)	1.5	
	15.5	16

Second Year

Fall	Credits Spring	Credits
MATH 220 ^{*†}	3 STAT 414 [*]	3
MATH 230 [*]	4 STAT 463 [*]	3
CMPSC 131 ^{*†}	3 CAS 100 (GWS) [‡]	3
STAT 380 [*]	3 CMPSC 132 ^{*†}	3
General Education Course (GS)	3 General Education Course (GA)	3
	16	15

Third Year

Fall	Credits Spring	Credits
STAT 415 [*]	3 STAT 440 [*]	3
STAT 400 [*]	3 CMPSC 465 [*]	3
ENGL 202C (GWS) [‡]	3 CMPSC 360 [*]	3
CMPSC 221 [*]	3 General Education Course (IL)	3
General Education Course (GH)	3 General Education Course (GS)	3
	15	15

Fourth Year

Fall	Credits Spring	Credits
CMPSC 448 [*]	3 STAT 470W [*]	3
STAT 466 [*]	3 STAT 480 [*]	1
CMPSC 442 [*]	3 CMPSC 455 [*]	3
Supporting Course	3 Supporting Course	3
General Education Course (GN)	3 General Education Course (US)	3
	General Education Course (GHW)	1.5
	15	14.5

Total Credits 122

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Course is an Entrance to Major requirement

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General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

* Course requires a grade of C or better for the major

Actuarial Option: Statistics, B.S. at Commonwealth Campuses

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First Year

Fall	Credits Spring	Credits
MATH 140 (GQ) ^{*‡##}	4 MATH 141 (GQ) ^{*‡##}	4
STAT 200 (GQ) ^{**†}	4 STAT 184 (DLC section) [*]	3
ENGL 15 (GWS) [‡]	3 ECON 104 (GS) [†]	3
ECON 102 (GS) [†]	3 ACCTG 211 [*]	4
PSU 16	1 General Education Course (GN)	3
	15	17

Second Year

Fall	Credits Spring	Credits
MATH 220 ^{**†}	3 STAT 414 (take it over the summer if not taken in 4th semester) [*]	3
MATH 230 [*]	4 FIN 301 [*]	3
CAS 100A (GWS) [‡]	3 IL Cultures	3
CMPSC 131 or 121 ^{**†}	3 General Education Course (Inter-Domain)	3
General Education Course (GN)	3 General Education Course (GA)	3
General Education Course (GHW)	1.5 General Education Course (GHW)	1.5
	17.5	16.5

Third Year

Fall	Credits Spring	Credits
STAT 415 [*]	3 STAT 400 [*]	3
RM 410 [*]	3 STAT 463 [*]	3
STAT 184 [*]	2 RM 421 [*]	3
STAT 300 [*]	3 ENGL 202C (GWS) [‡]	3
General Education Course (GA)	3 400-level Advanced Stat	3
	14	15

Fourth Year

Fall	Credits Spring	Credits
RM 411 [*]	3 RM 412 or 422 ^{*1}	3
RM 422 or 412 ^{*1}	3 STAT 470W [*]	3
400-level Advanced Stat	3 STAT 480 [*]	1
US Cultures	3 400-level Advanced Stat	3
General Education Course (Exploration)	3 General Education Course (Inter-Domain)	3
	General Education Course (GH)	3
	15	16

Total Credits 126

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Only required to take one of the courses from RM 412 or RM 422

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Advising Notes:

- Classes that listed under US and IL must be unique so that total credits adds up to what's needed. That is, if these classes are in either GN, GA, GS, GH, GHW or Exploration, you will need more credits to meet the total.
- Depending on your year of entrance, total credits required may be different. Please consult an adviser to make sure you are satisfying the degree requirement and total credits adds up to the required amount.

Applied Option: Statistics, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
MATH 140 ^{*†##}	4 MATH 141 ^{*†##}	4
STAT 200 ^{**†}	4 MATH 220 ^{**†}	3
PSU 16	1 CMPSC 131 or 121 ^{**†}	3
ENGL 15 (GWS) [‡]	3 STAT 184 (DLC section) [*]	3
General Education Course (GS)	3 General Education Course (Inter-Domain)	3
	15	16

Second Year

Fall	Credits Spring	Credits
MATH 230 [*]	4 STAT 414 [*]	3
CAS 100A (GWS) [‡]	3 ENGL 202C [‡]	3
Supporting Course	3 Supporting Course	3
General Education Course (GH)	3 Supporting Course	3
General Education Course (GN)	3 General Education Course (GA)	3
General Education Course (GHW)	1.5	
	17.5	15

Third Year

Fall	Credits Spring	Credits
STAT 300 [*]	3 STAT 400 [*]	3
STAT 380 [*]	3 STAT 480 [*]	1
STAT 415 [*]	3 400-level Advanced Stat	3
400-level Advanced Stat	3 Supporting Course	3
US Cultures	3 IL Cultures [*]	3
	General Education Course (GHW)	1.5
	15	14.5

Fourth Year

Fall	Credits Spring	Credits
400-level Advanced Stat	3 STAT 470W [*]	3
Supporting Course	3 400-level Advanced Stat	3
Supporting Course	3 Supporting Course	3
General Education Course (GN)	3 General Education Course (Inter-Domain)	3
General Education Course (Exploration)	3 General Education Course (Exploration)	3
	15	15

Total Credits 123

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

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W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

Advising Notes:

- A supporting program is required for this program (e.g., minor or concurrent major). Please consult an academic adviser.
- Classes that listed under US and IL must be unique so that total credits adds up to what's needed. That is, if these classes are in either GN, GA, GS, GH, GHW or Exploration, you will need more credits to meet the total.
- Depending on your year of entrance, total credits required may be different. Please consult an adviser to make sure you are satisfying the degree requirement and total credits adds up to the required amount.

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Biostatistics Option: Statistics, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year		
Fall	Credits Spring	Credits
MATH 140 ^{*†#†}	4 MATH 141 ^{*†#†}	4
STAT 200 ^{*†}	4 CHEM 110 ^{*†}	3
PSU 16	1 CHEM 111 ^{*†}	1
BIOL 110 ^{*†}	4 ENGL 15 (or General Education Course) [†]	3
ENGL 15 (or General Education Course) [†]	3 General Education Course	3
	16	14

Second Year		
Fall	Credits Spring	Credits
MATH 220 ^{*†}	2 STAT 414 (or Supporting Course) [*]	3
MATH 230 [*]	4 ENGL 202C [†]	3
CAS 100A [‡]	3 CMPSC 121 or 131 ^{*†}	3
BIOL 220W, 222, 230W, or 240W ^{*†}	3-4 BIOL 220W, 222, 230W, or 240W ^{*†}	3-4
General Education Course	3 General Education Course	3
	15	16

Third Year		
Fall	Credits Spring	Credits
STAT 184 [*]	2 STAT 380 [*]	3
STAT 414 (or Supporting Course (if not taken in 4th semester)) [*]	3 STAT 415 [*]	3
STAT 461 [*]	3 STAT 462 [*]	3
BIOL 400-Level Selection [*]	3 STAT 480 [*]	1
Supporting Course	3 Supporting Course	3
General Education Course	3 General Education Course	3
	17	16

Fourth Year		
Fall	Credits Spring	Credits
STAT 416 [*]	3 STAT 470W [*]	3
STAT 466 [*]	3 MATH 451 [*]	3
BIOL 400-Level Selection [*]	3 STAT 416 [*]	3
Supporting Course	3 Supporting Course	3
Supporting Course	3 Supporting Course	3
General Education Course (GHW)	1.5 General Education Course (GHW)	1.5
	16.5	16.5

Total Credits 127

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Graduate Studies Option: Statistics, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
MATH 140 ^{*†##}	4 MATH 141 ^{*†##}	4
STAT 200 ^{**†}	4 ENGL 15 [‡]	3
PSU 16	1 General Education Course	3
General Education Course	3 General Education Course	3
General Education Course	3 General Education Course	3
	15	16

Second Year

Fall	Credits Spring	Credits
MATH 220 ^{**†}	2 STAT 414 (or Supporting Course) [*]	3
MATH 230 [*]	4 ENGL 202C [‡]	3
CAS 100A [‡]	3 CMPSC 121 or 131 ^{**†}	3
MATH 311W [*]	3 MATH 312 [*]	3
General Education Course	3 General Education Course	3
	15	15

Third Year

Fall	Credits Spring	Credits
STAT 184 [*]	2 STAT 380 [*]	3
STAT 414 (or Supporting Course (if not taken in 4th semester)) [*]	3 STAT 415 [*]	3
STAT 461 [*]	3 STAT 462 [*]	3
MATH 403 [*]	3 MATH 404 [*]	3
General Education Course	3 Supporting Course	3
General Education Course	3 General Education Course	3
	17	18

Fourth Year

Fall	Credits Spring	Credits
STAT 416 [*]	3 STAT 470W [*]	3
STAT 466 [*]	3 MATH 400-Level Selection [*]	3
MATH 436 [*]	3 MATH 310 [*]	3
STAT 480 [*]	1 MATH 451 [*]	3
General Education Course	3 Supporting Course	3
General Education Course (GHW)	1.5 General Education Course (GHW)	1.5
	14.5	16.5

Total Credits 127

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

Statistics and Computing Option: Statistics, B.S. at Commonwealth Campuses

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year		
Fall	Credits Spring	Credits
MATH 140 ^{*†#†}	4 MATH 141 ^{*†#†}	4
STAT 200 ^{**†}	4 CMPSC 122 or 132 ^{**†}	3
PSU 16	1 General Education Course	3
CMPSC 121 or 131 ^{**†}	3 ENGL 15 (or General Education Course) [†]	3
ENGL 15 (or General Education Course) [†]	3 General Education Course	3
	15	16

Second Year		
Fall	Credits Spring	Credits
MATH 220 ^{**†}	2 STAT 414 (or Supporting Course) [*]	3
MATH 230 [*]	4 ENGL 202C [‡]	3
CAS 100A [‡]	3 CMPSC 221 [*]	3
General Education Course	3 Supporting Course	3
General Education Course	3 General Education Course	3
	15	15

Third Year		
Fall	Credits Spring	Credits
STAT 184 [*]	2 STAT 380 [*]	3
STAT 414 (or Supporting Course (if not taken in 4th semester)) [*]	3 STAT 415 [*]	3
STAT 461 [*]	3 STAT 462 [*]	3
MATH 311W or CMPSC 360 [*]	3 STAT 480 [*]	1
Supporting Course	3 Supporting Course	3
General Education Course	3 General Education Course	3
	17	16

Fourth Year		
Fall	Credits Spring	Credits
STAT 416 [*]	3 STAT 470W [*]	3
STAT 466 [*]	3 MATH 451 [*]	3
CMPSC 465 [*]	3 STAT 416 [*]	3
CMPSC 400-Level Selection [*]	3 CMPSC 400-Level Selection [*]	3
General Education Course (GHW)	1.5 Supporting Course	3
General Education Course	3 General Education Course (GHW)	1.5
	16.5	16.5

Total Credits 127

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education