

APPENDIX B: PLANS OF STUDY

Transfer to Purdue University – [Natural Resources and Environmental Science](#)

[Natural Resources and Environmental Science Major](#): Concentrations in Climate and Energy Solutions, Emerging Environmental Challenges, Environmental Policy and Analysis, Environmental Quality and Restoration, Sustainability Science, Watershed Management

Vincennes University

Natural Resources and Environmental Sciences 4460, A.S. Transfer

https://catalog.vinu.edu/preview_program.php?catoid=50&poid=29866&returnto=3738

Semester I

AGRI 100 - Agriculture Lectures 1 hr -or- GEOS 131 - Agriculture and Natural Resources Explorations 1 hr

AGRI 100 = AGR 1XXXX 1 cr or GEOS 131 = EAPS 1XXXX 1 cr

Approved for AGR 10100 & 12200 1 cr

CHEM 105 - General Chemistry I 3 hrs

CHEM 105L - General Chemistry/Quantitative Analysis Laboratory 2 hrs

CHM 11500 4 cr & 1XTRA 1 cr

COMM 143 - Speech 3 hrs

COM 11400 3 cr

ENGL 101 - English Composition I 3 hrs

ENGL 1XUWC 3 cr

Humanities Elective 3 hrs

LITR 220 or 221 or PHIL 111 = ENGL 26600 or 26700 or PHIL 11000 3 cr (Recommended)

Total Hours: 15

Semester II

ENGL 102 - English Composition II 3 hrs -or- ENGL 108 - Technical Writing 3 hrs -or- ENGL 205 - Business Communications 3 hrs

ENGL 205 = COM 2XXXX 3 cr (Required)

Approved for CoA Core – ADD COMM

GEOS 208 - Principles of Conservation 3 hrs

EAPS 2XXXX 3 cr

GEOS 233 - Introduction to Geospatial Science 3 hrs -and- GEOS 233L - Geospatial Science Laboratory 1 hr -or- GEOS 240 - Environmental Hydrology 3 hrs -and- GEOS 240L - Environmental Hydrology Laboratory 1 hr -or- GEOS 251 - Natural Hazards and Society 3 hrs -and- GEOS 251L - Natural Hazards Laboratory 1 hr

GEOS 233/233L = FNR 210 3 cr & 2XTRA 1 cr (Required)

MATH 102 - College Algebra 3 hrs (M)

MATH 110 = STAT 30100 3 cr (Required instead of MATH 102)

APPENDIX B: PLANS OF STUDY

Social Science Elective 3 hrs

ECON 201 = ECON 25100 3 cr (Required)

Total Hours: 16

Semester III

BIOL 105 - Principles of Biology I 3 hrs

BIOL 105L - Principles of Biology Laboratory I 1 hr

BIOL 11000 4 cr

BIOL 105/105L + 106/106L = BIOL 11000 4 cr & 11100 4 cr

CHEM 106 - General Chemistry II 3 hrs -and- CHEM 106L - General Chemistry/Qualitative Analysis Laboratory 2 hrs (WR) -or- GEOS 221 - Introduction to Weather and Climate 3 hrs -and- GEOS 221L - Introduction to Weather and Climate Laboratory 1 hr

CHEM 106/106L = CHM 11600 4 cr & 1XTRA 1 cr (Required)

GEOS 101 - Environmental Science 3 hrs (S) -and- GEOS 101L - Environmental Science Laboratory 1 hr - or- AGRI 101 - Introductory Agricultural Business and Economics 3 hrs

GEOS 101/101L = EAPS 12500 3 cr & 1XTRA 1 cr (Required)

GEOS 115 - Physical Geology 3 hrs

BIOL 223/223L = BIOL 28600 2 cr & 2XTRA 2 cr (Required instead of GEOS 115)

Total Hours: 14

Semester IV

AGRI 103 - Fundamentals of Horticulture 3 hrs (WR) -or- GEOS 204 - Oceanography 3 hrs -or- MATH 115 - Survey of Calculus I 3 hrs

MATH 115 = MA 16010 3 cr (Required)

AGRI 204 - Soil Science 3 hrs

AGRY 25500 3 cr

BIOL 106 - Principles of Biology II 3 hrs

BIOL 106L - Principles of Biology Laboratory II 1 hr

BIOL 11100 4 cr

BIOL 105/105L + 106/106L = BIOL 11000 4 cr & 11100 4 cr

PHYS 215 - General Physics I 4 hrs

PHYS 215L - General Physics Laboratory I 1 hr

PHYS 22000 4 cr & 2XTRA 1 cr

Total Hours: 15

Total Hours: 60

APPENDIX B: PLANS OF STUDY

Transfer to Purdue University – Natural Resources and Environmental Science Major

Climate and Energy Solutions

https://catalog.purdue.edu/preview_program.php?catoid=16&poid=25053&returnto=20090

Natural Resources and Environmental Science Contact:	
Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu	
Courses to be Taken at Purdue	
CLIMATE AND ENERGY SOLUTIONS	
Summer Semester	Cr. Hrs.
Total	
Semester 1	Cr. Hrs.
NRES 20000	1
MA 16020	3
Multicultural Awareness	3
POL 22300	3
Data Science Selective	3
CHM 25500 or 25700	3-4
Total	16-17
Semester 2	Cr. Hrs.
NRES 33800	1
NRES 23000	3
Elective	3
POL 32700	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16
Semester 3	Cr. Hrs.
EAPS 22500	3
NRES 42000	1
Concentration Selective	3
AGEC 40600	3
Int Understanding	3
Elective	1
Total	14
Semester 4	Cr. Hrs.
NRES 49700	2
Concentration Selective	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14
Summer Semester	Cr. Hrs.
Total	
Notes:	
Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.	
120 total credits required.	

APPENDIX B: PLANS OF STUDY

Emerging Environmental Challenges

https://catalog.purdue.edu/preview_program.php?catoid=16&poid=25054&returnto=20090

RECOMMENDED PLAN OF STUDY	
Natural Resources and Environmental Science Contact:	
Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu	
Courses to be Taken at Purdue	
EMERGING ENVIRONMENTAL CHALLENGES	
Summer Semester	Cr. Hrs.
Total	
Semester 1	Cr. Hrs.
NRES 20000	1
Additional Math or Stat Sel	3
Multicultural Awareness	3
POL 22300	3
Concentration Selective	3
CHM 25500 or 25700	3-4
Total	16-17
Semester 2	Cr. Hrs.
NRES 33800	1
Data Science Selective	3
Elective	3
Concentration Selective	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16
Semester 3	Cr. Hrs.
Concentration Selective	3
Concentration Selective	3
NRES 42000	1
AGEC 40600	3
Int Understanding	3
Elective	1
Total	14
Semester 4	Cr. Hrs.
NRES 49700	2
Concentration Selective	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14
Summer Semester	Cr. Hrs.
Total	
Notes:	
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120 total credits required.	

APPENDIX B: PLANS OF STUDY

Environmental Policy and Analysis

https://catalog.purdue.edu/preview_program.php?catoid=16&poid=25055&returnto=20090

RECOMMENDED PLAN OF STUDY

Natural Resources and Environmental Science Contact:

Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu

Courses to be Taken at Purdue

ENVIRONMENTAL POLICY AND ANALYSIS

Summer Semester	Cr. Hrs.
Total	

Semester 1	Cr. Hrs.
NRES 20000	1
Additional Math or Stat Sel	3
Multicultural Awareness	3
POL 22300	3
Concentration Selective	3
CHM 25500 or 25700	3-4
Total	16-17

Semester 2	Cr. Hrs.
NRES 33800	1
Data Science Selective	3
Elective	3
POL 32700	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16

Semester 3	Cr. Hrs.
AGEC 52500	3
Concentration Selective	3
NRES 42000	1
AGEC 40600	3
Int Understanding	3
Elective	1
Total	14

Semester 4	Cr. Hrs.
NRES 49700	2
ASEC 58500	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14

Summer Semester	Cr. Hrs.
Total	

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120 total credits required.

APPENDIX B: PLANS OF STUDY

Environmental Quality and Restoration

https://catalog.purdue.edu/preview_program.php?catoid=16&poid=25057&returnto=20090

RECOMMENDED PLAN OF STUDY	
Natural Resources and Environmental Science Contact:	
Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu	
Courses to be Taken at Purdue	
ENVIRONMENTAL QUALITY AND RESTORATION	
Summer Semester	Cr. Hrs.
Total	
Semester 1	Cr. Hrs.
NRES 20000	1
Additional Math or Stat Sel	3
Multicultural Awareness	3
POL 22300	3
Concentration Selective	3
CHM 25500 or 25700	3-4
Total	16-17
Semester 2	Cr. Hrs.
NRES 33800	1
Data Science Selective	3
Elective	3
Concentration Selective	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16
Semester 3	Cr. Hrs.
AGEC 56000	3
BTNY 30500	3
NRES 42000	1
AGEC 40600	3
Int Understanding	3
Elective	1
Total	14
Semester 4	Cr. Hrs.
NRES 49700	2
NRES 38010	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14
Summer Semester	Cr. Hrs.
Total	
Notes:	
Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.	
120 total credits required.	

APPENDIX B: PLANS OF STUDY

Sustainability Science

https://catalog.purdue.edu/preview_program.php?catoid=16&poid=26409&returnto=20090

RECOMMENDED PLAN OF STUDY	
Natural Resources and Environmental Science Contact:	
Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu	
Courses to be Taken at Purdue	
SUSTAINABILITY SCIENCE	
Summer Semester	Cr. Hrs.
Total	
Semester 1	Cr. Hrs.
NRES 20000	1
MA 16020	3
Multicultural Awareness	3
POL 22300	3
Concentration Selective	3
CHM 25500 or 25700	3-4
Total	16-17
Semester 2	Cr. Hrs.
NRES 33800	1
Data Science Selective	3
Elective	3
SFS 30200	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16
Semester 3	Cr. Hrs.
EEE 35500	3
EEE 23000	3
NRES 42000	1
AGEC 40600	3
Int Understanding	3
Elective	1
Total	14
Semester 4	Cr. Hrs.
NRES 49700	2
Concentration Selective	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14
Summer Semester	Cr. Hrs.
Total	
Notes:	
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120 total credits required.	

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Watershed Management

https://catalog.purdue.edu/preview_program.php?catoid=16&moid=25056&returnto=20090

RECOMMENDED PLAN OF STUDY	
Natural Resources and Environmental Science Contact:	
Mandy Chalk Marquardt, chalkm@purdue.edu, nres@purdue.edu	
Courses to be Taken at Purdue	
WATERSHED MANAGEMENT	
Summer Semester	Cr. Hrs.
Total	
Semester 1	Cr. Hrs.
NRES 20000	1
Additional Math or Stat Sel	3
Multicultural Awareness	3
POL 22300	3
Concentration Selective	3
CHM 25500 or 25700	3-4
Total	16-17
Semester 2	Cr. Hrs.
NRES 33800	1
Data Science Selective	3
Elective	3
AGRY 33700	3
FNR 37500 or SOC 34400	3
Int Understand & Humanities	3
Total	16
Semester 3	Cr. Hrs.
AGRY 45000	3
HORT 57200	2
NRES 42000	1
AGEC 40600	3
Int Understanding	3
Elective	1
FNR 27000	1
Total	14
Semester 4	Cr. Hrs.
NRES 49700	2
Concentration Selective	3
Concentration Selective	3
Social Science or Humanities	3
Science Communication	3
Total	14
Summer Semester	Cr. Hrs.
Total	
Notes:	
Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.	
120 total credits required.	