This is the recommended order of Discovery courses. Choose carefully when pursuing dual majors, minors, cognates, and study abroad. One of these courses must also fulfill IQ (Inquiry).

To begin CEE 600-level courses:
1. Double red boxed courses must be complete
2. GPA > 2.00 in double box courses
3. GPA > 2.00 overall

To Graduate:
1. > 131 credits
2. GPA > 2.00 CEE courses
3. GPA > 2.00 overall

Water Resources, Sustainability, CEE, and Design Electives may be taken in any order.

These blank boxes to be used for extra courses and courses required for minors or dual majors.

The CEE Department encourages you to explore cognates, minors, and dual majors. Listed here are common choices, but there are many other programs to consider. You may pursue multiple cognates, minors, and dual majors. Cognates require 12 cr, minors: 20 cr, dual majors: 32 cr. No more than 8 cr. of specified courses can be double-counted with the major. There is no limit on overlapping credits allowed between minors.
Notes for Incoming Students and about Transfer Credit

1. AP Courses:
   b. AP Chem—3; get CHEM 403 credit, still need 404 or 405. 4 or 5: get CHEM 403 & 404, or 405 credit.
   c. AP Physics—3,4,5: get Physics 407 credit.
   d. AP Environmental Science—You receive credit for NR 435 but still need to take CEE 520.

2. MATH 418 and 425—if MATH 418 is taken Fall of first year, all MATH courses move back one semester. MATH 418 (4 credits) cannot be used toward cumulative credits (>19) needed for graduation. If MATH 425 is taken 1st semester, try to take PHYS 407 in the 1st semester, too.

3. Transfer Students—To transfer into the BSENVE program, you must meet the following requirements:
   a. be a CEPS major or have ≥12 cr of graded work at UNH, Calculus I, and either chemistry or calculus-based physics with 4 year program grades of C or better or community college grades of B or better;
   b. have a GPA ≥ 2.33 overall;
   Only CEE 600- and 700-level courses with a grade of C– or better may be transferred in.
   c. Writing Intensive Courses—If MATH 418 is taken Fall of first year, all MATH courses move back one semester. MATH 418 and 425 are restricted until students complete all double boxed courses with cumulative average >2.00, GPA and have an overall GPA of >2.00.

4. Transfer Credit—you need grades of C or better in courses taken elsewhere to receive UNH credit. Submit a Transfer Credit Prior Approval form before taking a course elsewhere. Transferred courses fulfill UNH requirements but the grades you receive elsewhere do not transfer or affect the UNH GPA.

Notes for Ongoing Students

5. Study Away—You need both a UNH GPA ≥ 2.50 and a GPA in CEE courses also greater ≥ 2.50.

6. Writing Intensive Courses—you must take ENGL 401, CEE 520, 620, 650, 721, and 798 plus a Technical Writing Elective (either ENGL 502 or 602).

7. CEE 420 and Transfer/Advanced Students—if you achieve junior-level status without CEE 420, or transfer from another CEPS major after taking intro course(s), petition to take a different CEPS 600-level course.

8. ME 525 may be taken instead of CEE 500.

9. Public Health Electives—HMP 403, 444A, 501, 569, CEE 730* (*cannot also be counted as design elective).

10. Geospatial Science Electives—CEE 403, 404, CEE 752, NR 658, NR 757, FORT 581, or ANTH 674.

11. Alternative Engineering Laboratory Electives (need approval by academic petition)—CEE 665, CHE 709 or OE 710.

12. CHEM 403 vs. CHEM 404—You may take both CHEM 403 and CHEM 404 instead of CHEM 405 though this adds a course. If so, CHEM 403 is used instead of 405 for determining CEE 600-level qualification.

13. Statistics Elective—MATH 539 or MATH 644. AP Credit does not fulfill this requirement.

14. WC Discovery Elective—International students and students that study abroad may not have to take the World Cultures Discovery Course. Therefore, delay the WC elective until you’re sure you need it.

15. CEE 600 Level Courses—Are restricted until students complete all double boxed courses with cumulative average >2.00 GPA and have an overall GPA of >2.00.

Notes for Seniors

16. Restrictions on the Senior CEE electives:
   a. You must take four CEE 700-level Electives totaling ≥12 credits, at least two of which must be design electives.
   b. You must take two water resources elective.
   c. Design electives cannot be double counted for other requirements, such as non-design electives, or water resources electives.

17. Accelerated Master’s Program—If you are a senior with a GPA ≥ 3.20, you can be concurrently admitted to a UNH Master’s program and some courses can count for both the BSENVE and the master’s degree. A maximum of 6 cr can be accepted for a UNH MSCE. Up to 12 cr may be accepted for other master’s degrees.

18. Minimum Required Credits—130 credits are required. If you meet the BSENVE requirements with fewer credits, you must make up the difference with additional credits. Any UNH or transfer course is acceptable to do so.

ENVE PROGRAM COURSE AVAILABILITY

<table>
<thead>
<tr>
<th>New #</th>
<th>Course Title</th>
<th>Fall</th>
<th>Spr</th>
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<tbody>
<tr>
<td>CEE 420</td>
<td>Environmental Engineering Lectures</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 500</td>
<td>Statics</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>CEE 502</td>
<td>Project Engineering</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 505</td>
<td>Introduction to Sustainable Engineering</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 520</td>
<td>Environmental Pollution and Protection</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 620</td>
<td>Fund. Aspects of Envr. Engr.</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 650</td>
<td>Fluid Mechanics</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 720</td>
<td>Solid and Hazardous Waste</td>
<td>x</td>
<td>x</td>
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<tr>
<td>CEE 721</td>
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<td>x</td>
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<tr>
<td>CEE 723</td>
<td>Environmental Chemistry</td>
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<td>x</td>
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<tr>
<td>CEE 724</td>
<td>Environmental Engr. Microbiology*</td>
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<td>x</td>
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<tr>
<td>CEE 731</td>
<td>Advanced Water Treatment Processes</td>
<td>x</td>
<td>x</td>
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</tbody>
</table>

*Writing intensive, ^Advanced prerequisite, ~Lab