First Year

- CIE 402 ET5/INV, Intro Civil
- TECH 564 Fund of CAD
- ENGL 401* WR, 1st Yr Writing
- MATH 418 A&A of Functions
- ARTS 532 FPA, Fine/Perf Art
- DLAB not required

Sophomore Year

- CIE 525 Statics
- ENE 520* Environ P&P
- PHYS 407 PS, Physics 1
- ARTS 532
d
- ARTS 574 HP, Hist Persp
- HUMA, Humanities

Junior Year

- CIE 526 Str of Mtls
- CIE 533 Proj Eng
- PHYS 408 Physics 2
- CIE 527 Diff Eq & Lin Alg
- CIE 574
- MATH 644 Stats Engr & Sci

Senior Year

- CIE 622* Engr Mtls
- CIE 642* Fluid Mech
- CIE 681 Struct Analysis
- CIE 685 Soil Mech
- EN scenery Design Elective 3
- CIE 781

To begin CIE/ENE 600-level courses, all double-boxed courses must be complete and a GPA \( \geq 2.00 \) must be achieved in the following categories:
1. CIE 525 and CIE 526.
2. CIE and ENE courses.
3. Double-boxed courses.

To Graduate:
\( \geq 129 \) cr
Overall GPA: \( \geq 2.00 \)

International Affairs Minor
- ECON 401 or 402
- ECON 401A or 402A as SS
- IA 501
- IA 502
- IA 503
- IA 504
- IA 505
- IA 506

BSCE/International Affairs Dual Major
(all courses, C or better)
- Language through 632
- IA 501
- IA 502
- IA 503
- IA 504
- IA 505
- IA 506

BSCE/Justice Studies Dual Major
(all courses, C or better)
- JUST 401
- JUST 402
- JUST 403
- JUST 404
- JUST 405
- JUST 406
- JUST 407
- JUST 408

Business Administration Minor
- ECON 402 as SS
- ADMN 502
- MKTG 550
- MGT 580
- ADMN 420 or ECON
- 401, 515, 518, 651, or 656
UNH, Civil & Environmental Engineering  
Advising Worksheet for BSCE Majors Entering Fall of 2014 or Later  
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Notes for incoming students

1. AP Courses:
   b. AP Statistics—Students with AP credit for statistics get credit for MATH 644.
   c. AP Chemistry—3: CHEM 403 credit (CHEM 404 still required). 4 or 5: both CHEM 403 and 404 credit.
   d. AP Physics—B=3: no useful credit, take PHYS 407 & 408. B=4 or 5: get PHYS 408 “credit” but must still take PHYS 407. C=3, 4, or 5: credit for PHYS 407 or 408 counts directly.
   e. AP Environmental Science—Credit for NR 435 does not satisfy the ENE 520 requirement.

2. MATH 425 in 1st Semester—Students taking MATH 425 in the 1st semester should try to take PHYS 407 too.

3. International Affairs Dual Major—Incoming students should begin or continue language courses.

4. Transfer Students—To transfer into the civil engineering major, a student must have the following:
   a. unless currently a CEPS major, ≥ 12 credits of graded work at UNH in a 4-year program;
   b. a GPA ≥ 2.33 overall;
   c. a GPA ≥ 2.33 in CIE and ENE courses taken to date;
   d. a GPA ≥ 2.33 in MATH 425, PHYS 407, CHEM 405, CIE 525, and CIE 526 taken to date; and
   e. a GPA ≥ 2.33 in CIE 525 & CIE 526 or, if only one has been taken, a grade of C+ in the course.
   Only CIE/ENE 600- and 700-level courses with a grade of C– or better may be transferred in.

Notes primarily for first-year and sophomore students

5. Social Science Discovery Elective—Students entering the BSCE program in the Fall of 2014 and after restricted to: CEP 415, CSL 401, ECON 401, ECON 402, ECON 444, EREC 411, GEOG 582, or POLT 402.

6. World Cultures Discovery Elective—International students and students that study abroad may not have to take the World Cultures Discovery Course. (Int'l students should apply for exemption.) It is, therefore, recommended that this Discovery course be one of the last Discovery courses taken.

7. CT 423/424 vs. CIE 505—Students may take both CT 423 and CT 424 in lieu of CIE 505.

8. ME 525/526 vs. CIE 525/526—ME 525 may be taken instead of CIE 525 and ME 526 instead of CIE 526.

9. CHEM 403/404 vs. CHEM 405—Students may take both CHEM 403 & 404 in lieu of CHEM 405 though this adds a course. If so, CHEM 403 is used instead of 405 for determining CIE 600-level qualification.

Notes primarily for junior and senior students

10. CIE 402 and Advanced Students—A student who will achieve junior-level status without having fulfilled the CIE 402 requirement should petition to take a different course. MATH 500-level and other CEPS 600-level or above have generally been approved. Make sure Discovery Program requirements are still fulfilled.

11. Study Away—UNH requirements plus a GPA ≥ 2.50 in CIE & ENE courses required at time of application.

12. Transfer Credit—Grades of C or better are required for courses taken elsewhere to receive UNH credit. The Registrar assigns credit for Discovery courses. The Undergraduate Coordinator assigns credit for technical courses. Current UNH students must submit a Transfer Credit Prior Approval form before taking a course elsewhere. Transferred courses fulfill requirements but grades do not transfer or affect the UNH GPA.

13. Restrictions on the Senior CIE/ENE electives:
   a. Four of six areas (Environmental, Geotechnical, Materials, Structures, Water, Sustainability) required.
   b. Of the four area electives, at least three must be design courses.
   c. Of the three design courses, at least one must be a Principal Design Elective.

Electives which do not have a concentration area cannot be taken from one of these four courses.

14. Senior Technical Elective—The STE can be any CIEPS 700-level course of 3 cr or more including CIE and ENE courses. GEOG 757 (cross listed as NR 757) and TECH 759 may also be taken as the STE.

15. Writing Intensive Courses—Four req’d: ENGL 401, 1 in CIE/ENE, 1 more at 600-level or above, any other.

16. Accelerated Master’s Program—UNH Seniors with a 3.20 GPA and a GPA ≥ 2.33 in CIE/ENE, 1 in CIE/ENE, 1 more at 600-level or above, any other. Accelerated Master’s Program—UNH Seniors with a 3.20 GPA and a GPA ≥ 2.33 in CIE/ENE, 1 in CIE/ENE, 1 more at 600-level or above, any other.

17. Required Credits—129 credits are required. Students starting with MATH 418 are likely to end up with more. If requirements are met with fewer, additional credits must be earned in any course(s) to achieve 129.

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