

THE UNIVERSITY OF TEXAS AT AUSTIN
CIVIL ENGINEERING
 2010 - 2012 CATALOG DEGREE PLAN

FALL

First Year

SPRING

| | | | |
|-----------|---|-----------|--|
| | 3 | C E 301 | Civil Engineering Systems * (fall or spring) |
| | 3 | CH 301 | Principles of Chemistry I * |
| | 4 | M 408C | Differential and Integral Calculus * ♦ |
| | 2 | M E 210 | Engineering Design Graphics * |
| | 3 | UGS 302 | First-Year Signature Course-W * |
| | | OR | UGS 303 First-Year Signature Course * |
| 15 | | | |

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|-----------|---|----------|--|
| | 3 | CH 302 | Principles of Chemistry II * |
| | 3 | E M 306 | Statics * |
| | 4 | M 408D | Seq, Series & Multivariable Calculus * ♦ |
| | 3 | PHY 303K | Engineering Physics I * |
| | 1 | PHY 103M | Engineering Physics I Lab * |
| | 3 | RHE 306 | Rhetoric & Writing * |
| 17 | | | |

Second Year

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|-----------|---|-----------------------------------|------------------------------------|
| | 3 | C E 311K | Introduction to Computer Methods * |
| | 3 | E M 311M | Dynamics |
| | | OR | M E 320 Applied Thermodynamics |
| | 3 | E M 319 | Mechanics of Solids * |
| | 3 | PHY 303L | Engineering Physics II * |
| | 1 | PHY 103N | Engineering Physics II Lab * |
| | 3 | Social & Behavioral Science _____ | |
| 16 | | | |

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|-----------|---|----------|--|
| | 3 | C E 311S | Probability & Statistics for Civil Engineers * |
| | 3 | C E 314K | Properties & Behavior of Engr Materials-W * |
| | 3 | C E 319F | Elementary Mechanics of Fluids * |
| | 3 | E 316K | Masterworks of Literature |
| | 4 | M 427K | Advanced Calculus for Applications I |
| 16 | | | |

Third Year

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|-----------|---|--|--|
| | 3 | Approved Math/Science/ Engineering Science Elective _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | American History _____ | |
| 15 | | | |

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|-----------|---|---------------------------------|--|
| | 3 | Approved Science Elective _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | Base Level Course ** _____ | |
| | 3 | American History _____ | |
| 15 | | | |

Base Level Courses

ARE 323K Project Management & Economics **C E 321** Transportation Systems **C E 329** Structural Analysis
C E 341 Intro to Environmental Engineering **C E 356** Elements of Hydraulic Engineering **C E 357** Geotechnical Engineering

Fourth Year

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|-----------|---|---------------------------|--------------------------------|
| | 3 | C E 333T | Engineering Communication-W ** |
| | 3 | Level I Elective ** _____ | |
| | 3 | Level I Elective ** _____ | |
| | 3 | Level I Elective ** _____ | |
| | 3 | American Government _____ | |
| 15 | | | |

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|-----------|---|--------------------------------|--------------------------------|
| | 1 | C E 171P | Engineering Professionalism ** |
| | 3 | Level I Elective ** _____ | |
| | 3 | Level I Elective ** _____ | |
| | 3 | Level II Elective ** _____ | |
| | 3 | American Government _____ | |
| | 3 | Visual & Performing Arts _____ | |
| 16 | | | |

TOTAL HOURS: 125

NOTE: The 18 hours of Level I and Level II Electives MUST come from at least 3 of the 7 Areas of Specialization

NOTES AND COMMENTS

- * Basic Sequence Course
- ** Major Sequence Course
- ♦ M 408K + M 408L + M 408M = M 408C + M 408D

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|---|-------|-----------------|
| / | F 00 | In-Progress |
| X | S 00 | Completed |
| T | Su 00 | Transfer Credit |

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|--------------------------|
| Deficiency: Y / N |
| _____ |

Please visit the Department Office for a list of **APPROVED** electives and core curriculum.