

Name: _____
Student ID: _____

Expected Date of Graduation: _____
Adviser: _____

Math & Science Core

8 credits from MTH 111, 112, 211, 264

MTH _____		(4 cr)
MTH _____		(4 cr)
MTH 212	Calculus III	(4 cr)
MTH/SDS 220	Probability & Statistics	(5 cr)
CHM 111 or CHM 118	Chemistry I : General Chemistry OR Advanced General Chemistry	(5 cr)
PHY 210	Mathematical Methods	(4 cr)
PHY 117 or PHY 119	Introductory Physics I OR Advanced Introductory Physics	(5 cr)

Credits

Year/Term Taken	Transfer (# of credits on transcript)	AP/IB/Cam. A-level (# of credits)	Notes

Lab-based science course, choose one: PHY 118, PHY 119, CHM 118, CHM 222, CHM 224, BIO 130/131, BIO 132/133, AP BIO (PHY 119 can fulfill the introductory physics requirement OR the 5 credit lab based science course requirement but not both, CHM 118 can fulfill the general chemistry requirement OR the 5 credit lab based science course requirement but not both)

(5 cr)

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Subtotal Math & Science credits, nominally 36 cr. (ABET min = 30 cr.)

Note: If AP/IB/A-level exam credit is used toward these requirements, credits must appear on the official Smith transcript. If transfer credits are used to fulfill math/science requirements and the credits are fewer than those associated with the Smith course, the student may need to take additional courses to satisfy the 30-credit math/science ABET minimum requirement. Computer science is required for the major, but does not count as a basic science.

Computer Science

One of CSC 110, 111, 120, 205, 210, 220 (4-5 cr.)

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Engineering Core

EGR 100	Engineering for Everyone	(4 cr.)
EGR 110	Fundamental Engineering Principals	(4 cr.)
EGR 220	Engineering Circuit Theory	(5 cr.)
EGR 270	Engineering Mechanics	(5 cr.)
EGR 290	Engineering Thermodynamics	(4 cr.)
EGR 374	Fluid Mechanics	(5 cr.)
EGR 410D	Engineering Design and Professional Practice	(2 cr.)
EGR Capstone	Pick one: EGR 421D, 422D, 431D	(6 - 8 cr.)

Year/Term Taken	Transfer (# of credits on transcript)	Notes

Five (5) Engineering Technical Depth Courses (At least four must be engineering courses at the 300-level or higher)

(1) _____	(4 cr.)
(2) _____	(4 cr.)
(3) _____	(4 cr.)
(4) _____	(4 cr.)
(5) _____	(4 cr.)

Subtotal Engineering credit hours, nominally 55 cr. (ABET min = 45 cr.)

Note: If transfer credits are used to fulfill engineering course requirements and the credits granted are fewer than those associated with the Smith course, the student may need to take additional EGR courses to satisfy the 45-credit ABET minimum requirement for engineering content.

Name: _____ Expected year of graduation: _____

Liberal Arts Breadth (select one):

- Fulfilling the Latin Honors distribution requirements (A,F,H,L,S designations)
- Fulfilling the requirements for another major or minor exclusively within Div I and/or Div II
 other major or minor: _____
- Proposal - **approved by program** (please attach) to fulfill the requirements for a minor
 that is not exclusively within Div I or II
 minor: _____
- Proposal - **approved by the program** (please attach) for an alternate approach

Courses (usually 5 or 6)

- (1) _____ (cr.)
- (2) _____ (cr.)
- (3) _____ (cr.)
- (4) _____ (cr.)
- (5) _____ (cr.)
- (6) _____ (cr.)

Latin Honors Designation	Year/ Term	Transfer	Notes

Teamwork Documentation:

Team outcome: An ability to work collaboratively in teams with different skills and perspectives.

I have satisfied this outcome at the advanced level via:

- Capstone Experience
- Other (Attach one page description)
- Technical Depth with strong emphasis on team List the course(s):

Writing Intensive (WI) Requirement:

Smith requires students to satisfy the WI requirement by completing a WI classified course with a grade C- or higher.

I have satisfied this requirement via _____ (enter course number).

Book of Evidence (BoE) Requirement:

Satisfied by uploading a minimum of 20 engineering faculty-signed artifacts (one for each performance indicator) to the major's e-BoE folder.

I have uploaded ____ (#) signed artifacts to my e-BoE as of ____/____/____ (date).

_____	_____	_____
Print Student Name	Student Signature	Date
_____	_____	_____
Print Adviser Name	Adviser Signature	Date
_____	_____	_____
Print Assistant Director Name	Assistant Director Signature	Date