GCSP Component #1: Research/Creative

Select one (1) option:
- Option A  Undergraduate Research
- Option B  Internship/Co-op
- Option C  Thesis
- Option D  Other/Special Topics

GCSP Component #2: Multidisciplinary

- Required:  Approved Non-Engineering Course

Select one (1) additional option:
- Option A  Professional Conferences and/or Meetings
- Option B  Interdisciplinary Academic Minor
- Option C  Other/Special Topics

GCSP Component #3: Business/Entrepreneurship

Select one (1) option:
- Option A  Business Plan or Pitch Competition
- Option B  Entrepreneurship or Management Course
- Option C  Capstone Project or Senior Design
- Option D  Other/Special Topics

GCSP Component #4: Multicultural

- Required:  Approved ACE 9 elective

Select one (1) additional option:
- Option A  Study Abroad or Study Tour
- Option B  Multicultural or Global Service Student Organization
- Option C  Professional Conferences and/or Meetings
- Option D  Other/Special Topics

GCSP Component #5: Social Consciousness

- Required:  ENGR 100/1000, or other approved course

Select one (1) additional option:
- Option A  Engineering Ambassadors Network
- Option B  Volunteer or Service experience (40 hrs)
- Option C  Other/Special Topics

- All options must be approved by GCSP committee/advisor prior to completion
- GC Scholars cannot choose the same options to satisfy multiple components
- All components will require submission of a reflective essay following the activity
- Must have satisfactory progress toward at least one component each year in program
- C.A.F.: Component Approval Form. This form can be found online at go.unl.edu/gcsp
GCSP COMPONENT #1
Research/Creative

SELECT ONE (1) OPTION:

**Option A: Undergraduate Research**

- Step 1: Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
- Step 2: Write 3-4 page essay outlining the experience you hope to have prior to your project
- Step 3: Present research findings to GCSP committee
- Step 4: Write 5-10 page reflective essay following experience on how you will apply your research to your Grand Challenge

**Option B: Internship/Co-op**

- Step 1: Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
- Step 2: Confirm that all internship/co-op logistics and paperwork is completed with your advisor prior to experience
- Step 3: Write 3-4 page essay outlining the experience you hope to have prior to your internship/co-op date
- Step 4: Present internship/co-op experience to GCSP committee
- Step 5: Write 5-10 page reflective essay following experience on how you will apply it to your Grand Challenge

**Option C: Thesis**

- Step 1: Receive approval from GCSP committee prior to composing thesis via Proposal or C.A.F.
- Step 2: Determine ALL completion requirements with GCSP committee
- Step 3: Present completed thesis to GCSP committee

**Option D: Other/Special Topics**

- Step 1: Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
- Step 2: Determine ALL completion requirements with GCSP committee
GCSP COMPONENT #2
Multidisciplinary

REQUIRED:

Approved Non-Engineering Course

Step 1  Receive approval from GCSP committee prior to enrollment via Proposal or C.A.F.
Step 2  Write 3-4 page essay outlining what you currently know about the subject material, the knowledge you
        hope to gain, and how you can apply it to your Grand Challenge(s) prior to class start
Step 3  Student must receive a grade of ‘B’ or higher to satisfy requirement
Step 4  Write 5-10 page reflective essay following the course on how you will apply the knowledge you have
        gained to your Grand Challenge

SELECT ONE (1) ADDITIONAL OPTION:

Option A: Professional Conferences and/or Meetings

Step 1  Receive approval from GCSP committee prior to attending via Proposal or C.A.F.
Step 2  Write 3-4 page essay outlining what you currently know about the conference/meeting topic and how you
        can apply it to your Grand Challenge prior to attending
Step 3  Submit proof of attendance (agenda, program, etc.) following the conference(s)/meeting(s)
Step 4  Write 5-10 page reflective essay following the conference(s)/meeting(s) on how you will apply the
        knowledge you have gained to your Grand Challenge

Option B: Interdisciplinary Academic Minor

Step 1  Receive approval from GCSP committee prior to enrolling in minor via Proposal or C.A.F.
Step 2  Write 3-4 page essay outlining what you currently know about the minor subject material, the knowledge
        you hope to gain, and how you can apply it to your Grand Challenge prior to class start
Step 3  Student must receive a grade of ‘B’ or higher in all minor courses to satisfy requirement
Step 4  Upon completion of ALL minor coursework, write 5-10 page reflective essay on how you will apply the
        knowledge you have gained through your minor area of study to your Grand Challenge

Option C: Other/Special Topics

Step 1  Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
Step 2  Determine ALL completion requirements with GCSP committee
GCSP COMPONENT #3
Business/Entrepreneurship

SELECT ONE (1) OPTION:

Option A: Business Plan or Pitch Competition

Step 1 Receive approval from GCSP committee prior to entrance via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining your goals and forecasting the anticipated feedback that you will receive from reviewers/investors
Step 3 Must pitch the business concept, whether in plan or product form, focused on one of the Grand Challenges
Step 4 Write 5-10 page reflective essay following the competition on the pitch experience. This will include a critical analysis of the product/plan, overall experience, and response to reviewer/investor feedback

Option B: Entrepreneurship or Management Course

Step 1 Receive approval from GCSP committee prior to enrollment via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining what you currently know about the subject material, the knowledge you hope to gain, and how you can apply it to your Grand Challenge prior to class start
Step 3 Student must receive a grade of ‘B’ or higher to satisfy requirement
Step 4 Write 5-10 page reflective essay following the course on how you will apply the knowledge you have gained to your Grand Challenge

Option C: Capstone Project or Senior Design

Step 1 Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
Step 2 Project must focus on innovative design or thought, in the context of one of the Grand Challenges (Note: Some majors might not have a choice in the selection of a capstone project. In such case, they will be asked to work with the GCSP Committee to determine an alternative project)
Step 3 Write 3-4 page essay outlining the experience you hope to gain from the capstone as it relates to your Grand Challenge prior to completion
Step 4 Student must receive a grade of ‘B’ or higher to satisfy requirement
Step 5 Write 5-10 page reflective essay following the course on the capstone experience and how it can be applied to your Grand Challenge

Option D: Other/Special Topics

Step 1 Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
Step 2 Determine ALL completion requirements with GCSP committee
GCSP COMPONENT #4
Multicultural

REQUIRED:

Approved ACE 9 Elective

Step 1 Receive approval from GCSP committee prior to enrollment via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining what you currently know about the subject material, the knowledge you hope to gain, and how you can apply it to your Grand Challenge prior to class start
Step 3 Student must receive a grade of ‘B’ or higher to satisfy requirement
Step 4 Write 5-10 page reflective essay following the course on how you will apply the knowledge you have gained to your Grand Challenge

SELECT ONE (1) ADDITIONAL OPTION:

Option A: Study Abroad or Study Tour

Step 1 Receive approval from GCSP committee prior to applying via Proposal or C.A.F.
Step 2 Experience must be registered through the University Study Abroad Office and cleared prior to trip taking place
Step 3 If courses are being taken, all courses must be approved by academic advisor & GCSP committee to ensure they will transfer back into the College of Engineering
Step 4 Write 4-5 page essay outlining your goals for the experience, as well as what you anticipate it will be like living and learning in another country/culture
Step 5 Write 5-10 page reflective essay following the experience on how you can apply what you have learned, both academically and culturally, to the pursuit of your Grand Challenge

Option B: Multicultural or Global Service Student Organization

Step 1 Receive approval from GCSP committee via Proposal or C.A.F.
Step 2 Join a multicultural and/or global service oriented recognized student organization (RSO) and become an active member within the organization
Step 3 Students will need to be verified by the student organization’s advisor(s) as an active member for a minimum of two (2) years to meet this requirement
Step 4 Write 5-10 page reflective essay outlining your experience in the organization and the role global service will play in the solution(s) to your Grand Challenge

Option C: Professional Conferences and/or Meetings

Step 1 Receive approval from GCSP committee prior to attending via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining what you currently know about the conference/meeting topic and how you can apply it to your Grand Challenge prior to attending
Step 3 Submit proof of attendance (agenda, program, etc.) following seminar/conference
Step 4 Write 5-10 page reflective essay following the conference(s)/meeting(s) on how you will apply the knowledge you have gained to your Grand Challenge

Option D: Other/Special Topics

Step 1 Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
Step 2 Determine ALL completion requirements with GCSP committee
GCSP COMPONENT #5
Social Consciousness

REQUIRED:
ENGR 100 (City Campus) or 1000 (Scott Campus), or other approved course related to Service Learning

Step 1 Receive approval from GCSP committee prior to enrollment via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining what you currently know about the subject material, the knowledge you hope to gain, and how you can apply it to your Grand Challenge prior to class start
Step 3 Student must receive a grade of ‘B’ or higher to satisfy requirement
Step 4 Write 5-10 page reflective essay following the course on how you will apply the knowledge & experience you have gained to your Grand Challenge

SELECT ONE (1) ADDITIONAL OPTION:
Option A: Engineering Ambassadors Network

Step 1 Receive approval from GCSP committee prior to applying via Proposal or C.A.F.
Step 2 Apply and be accepted as a member of the Engineering Ambassadors network
Step 3 Students will need to be verified by Engineering Ambassadors’ network advisors as an active member for a minimum of two (2) years to meet this requirement
Step 4 Write 5-10 page reflective essay outlining your experience in the organization and the role involvement & service can play in the solution(s) to your Grand Challenge

Option B: Volunteer or Service Experience

Step 1 Receive approval from GCSP committee prior to volunteering via Proposal or C.A.F.
Step 2 Write 3-4 page essay outlining what you hope to gain from the experience and how you think you can apply it to your Grand Challenge
Step 3 Complete volunteer work related to your Grand Challenge with a sponsoring organization, for a minimum of 40 volunteer hours
Step 4 Following completion provide a letter of reference from your sponsoring organization’s direct supervisor
Step 5 Write 5-10 page reflective essay outlining your experience in the organization and the role involvement & service can play in the solution(s) to your Grand Challenge

Option C: Other/Special Topics

Step 1 Receive approval from GCSP committee prior to completion via Proposal or C.A.F.
Step 2 Determine ALL completion requirements with GCSP committee