

Introducing the GCSP at West Virginia University

VISION

Mountaineer Grand Challenge Scholars (M-GCS) will be sought for their demonstrated ability to **identify** significant opportunities and bring their solution to **reality**, recognizing the **societal and global impacts** of the issues and working **effectively** in a wide variety of settings with many different people.

GOALS

Enroll **10 M-GCSP** scholars during 2017-2018 Academic Year

Graduate **20 M-GCSP** scholars annually by 2020

Leverage the **M-GCSP to increase** the number of students studying abroad, engaged in research, and active in service by **20%** in 2020

Leverage the **M-GCSP** to develop **10 new companies** in West Virginia by 2020

Current Activity

- 8 students informed, enrolled and actively engaged in M-GCSP (6 – Class of '21, 1 – Class of '20, 1 – Class of '19)
- Finalized submission to WVU curriculum board regarding institution of Grand Challenges Minor program
- Development of system for students to utilize in planning schedules (See figure below)
- Identification of M-GCSP steering committee members
- Identification of research programs and partners, both public and private

Future Work

- Identify student steering committee composed of 7 – members (one from each academic department)
- Identify 7 – faculty members (one per academic department) as M-GCSP contact
- Organize service event focused on restoring and improving urban infrastructure
- Compile collected information and resources for student steering committee
- Engage enrolled students in recruitment events at student housing facilities

General Description:		<p>Apply for minor prior to 50% completion Identify 1 or 2 of the Engineering Grand Challenges to focus your attention on throughout your time in the program (or another challenge if you identify one) Complete 16 credit hours including the Grand Challenges Capstone (1HR) to fulfill Engineering Grand Challenges Minor requirements Complete at least 2 experiential activities (outside of coursework); Some classes have experiential components and can be used given permission by the GGCS committee. Complete final write up for submission to GGCS Committee to complete Global Grand Challenges Scholars requirements (within 1HR capstone)</p>												
General Notes:		<p>Experiential components are required for completion for recognition by NAE :::The following steps must be followed when identifying and out of class experiential component::: Step 1 Identify an experience Step 2 Submit a proposal/brief write-up to the GGCS steering committee Step 3 Complete experience Step 4 Submit proof of completion to GGCS steering committee Experiential experiences can be embedded in coursework. Six (6) credit hours may count towards another degree or minor program For Engineering Track 2 students, the 9th semester is not guaranteed. Students will need to individually determine whether to follow track 1 or track 2 for completion of the program.</p>												
Engineering Track 1														
Semester	Description	1	2	Summer	3	4	Summer	5	6	Summer	7	8		
Apply for minor	Submit paperwork to enroll in minor program													
Complete Exp. Activity	Experience 1 (See Attached) Experience 2 (See Attached)													
Complete Coursework	Course 1 (See Attached) Course 2 (See Attached) Course 3 (See Attached) Course 4 (See Attached) Course 5 (See Attached)													
Complete 1 HR Capstone	Complete paperwork and finalize application to College & NAE													