NOTES:

- All page counts assume double spacing and do not include citations/bibliographies or charts/graph/figures/images.
- All courses are assumed to be 3-credit hour courses. A minimum of 10 hours per week is expected in a 4-credit hour course.

Examples:

- **Science/Math:** Conduct independent scientific research overseen/mentored by a faculty mentor or as part of a research group – either on or off campus. The nature of the research will vary depending on subject/topics, but may include hands-on experimentation, data gathering, data analysis, coding research software, calculations, computer simulations, or any activities that contribute material toward answering a scientific/mathematical question. Students are expected to be engaged in research activities for a minimum of about 7.5 hours per week on average. The research activities must culminate in a research paper/report submitted to the mentor and public presentation of this work (oral presentation or poster) at the departmental or University level. In particular, students are strongly encouraged to present a research poster at “GW Research Days” in April. The written work is typically a minimum of 5 pages, but page number may vary – for example, reports related to coding may be shorter if the program is documented in the code itself.

- **Social Science:** Conduct independent research overseen/mentored by a faculty mentor or as part of a research group – either on or off campus. The nature of the research will vary depending on subject/topics, but may include polling, collecting qualitative data (e.g. interviews, focus groups), data gathering, data analysis, coding research software, or any activities that contribute material toward answering a social science question. Students are expected to be engaged in research activities for a minimum of about 7.5 hours per week on average. The research activities must culminate in a research paper/report submitted to the mentor and public presentation of this work (oral presentation or poster) at the departmental or University level. In particular, students are strongly encouraged to present a research poster at “GW Research Days” in April. The written work is typically a minimum of 10 pages, but page number may vary – for example, reports related to polling may be shorter if the development of the polling instrument itself constituted the bulk of the research activities.

- **Humanities:** Conduct independent research overseen/mentored by a faculty mentor or as part of a research group – either on or off campus. The nature of the research will vary depending on subject/topics, but may include locating/transcribing/translation documents, reading/analysis of primary sources, reading/analysis of secondary sources, interviews with authors, data gathering, data analysis, coding research software, or any activities that contribute material toward answering a humanities-related question. Students are expected to be engaged in research activities for a minimum of about 7.5 hours per week on average. The research activities must culminate in a formal written work of a minimum of 20 pages. Students are strongly encouraged (but not required) to present their work (oral presentation or poster) at the departmental or University level. In particular,
students are strongly encouraged to present a research poster at “GW Research Days” in April.

- **Engineering:** Design and construct/test or code a practical device or program either independently or as part of a student design team. The work should be overseen by a faculty mentor and can be done either on or off campus. The purpose/nature of the device or program can vary widely (e.g. build a robot, write a piece of programing for a self-driving car, develop a non-contact heart rate monitor, etc.). Students are expected to be engaged in engineering activities for a *minimum* of about 7.5 hours per week on average. The culmination of this thesis will be the physical device/object/program and any associated written work required by the faculty mentor. Students must present their work publicly (oral presentation or poster) at the departmental or University level. In particular, students are strongly encouraged to present a research poster at “GW Research Days” in April.

- **Arts/Music/Journalism:** Produce and preform or showcase a substantial work (or portfolio) of artistic or journalistic merit either independently or as part of a student design team. The work should be overseen by a faculty mentor and can be done either on or off campus. The nature of the artistic/journalistic work will vary greatly (write/direct a one-act play, choreograph and perform a 15-minute dance piece, develop a gallery presentation of artwork or photographs, report on a topic in written and video formats, etc.). Students are expected to be engaged in artistic or journalism-related activities for a *minimum* of about 7.5 hours per week on average. The culmination of this thesis is the presentation of the work at the departmental or University level or, preferably, to the public at large. For example, students might hold a recital for a public audience or display their sculptures in a public gallery or other public space. In some cases – particularly in regard to journalism projects – showcasing a portfolio on a public website may also be appropriate.