**Charles E. Schmidt College of Science and Wilkes Honors College**

**NEW Program Proposal**

**Upper-Division Honors**

**The FAU Max Planck Honors Program**

The Jupiter Life Science Initiative, the Charles E. Schmidt College of Science, and the Harriet L. Wilkes Honors College, working in partnership with the Max Planck Institute for Neuroscience, propose a Jupiter-specific honors program, to be titled the FAU Max Planck Honors Program (MPHP).

FAU’s Jupiter campus is a center of excellence for world-class research and learning in neuroscience, which is one of FAU’s pillars of research excellence. FAU’s memorandum of understanding with Max Planck Florida Institute for Neuroscience enhances this work by promoting the sharing of resources and expertise. This collaboration, in turn, has led to the establishment of joint neuroscience doctoral and IMPRS (International Max Planck Research School) programs. The proposed MPHP builds upon this collaborative network by providing a one-of-a-kind honors experience for exceptional FAU undergraduates.

The FAU MPHP will provide honors students, selected from those who apply from the Schmidt College of Science and the Wilkes Honors College, with exclusive enrichment opportunities, including courses taught/co-taught with Max Planck scientists. Any Max Planck scientists involved in the proposed program have been, or will be, credentialed as affiliate faculty members of FAU, allowing them to fully participate in teaching and mentoring students seeking to complete the MPHP program.

Establishment of this program will increase opportunities for FAU students to develop high-level proficiencies required for successful careers in science through direct participation in cutting edge research, enhanced curricular options, and strong relationships with faculty mentors and MPHP peers. Students will develop skills in critical thinking, development of research questions, experimental design, collection and analysis of data, interpretation of results, communication of findings, and appreciation for the ethical standards of the field. Completion of the program will prepare students for continuation of their education in a graduate program and/or for the highly competitive STEM job market.

Students who maintain all standards and fulfill all requirements of the MPHP described below will receive a designation of “FAU Max Planck Honors” on their final transcript.

**Application and Entry Requirements**

Students’ applications to the program will be reviewed by the FAU MPHP Committee and accepted students will begin the program in the equivalent of their junior year. This committee will be composed of faculty members from the Schmidt College of Science, the Wilkes Honors College, and Max Planck Florida Institute for Neuroscience.

1. To be eligible to apply to the program, students must have an institutional GPA ≥ 3.5 (or its calculated equivalent if earned outside of FAU) upon completion of at least 45 college credit-hours.
2. Students will typically apply to the FAU MPHP after completing 45 credit hours (typically spring of sophomore year), and then enter the program as “rising juniors” after completing 60 credit hours, which will include the required coursework as defined below for each major or concentration.
3. The FAU MPHP Admissions Committee has the discretion to accept a student into the program who demonstrates strong promise but may not have met all requirements listed above (e.g., incoming National Merit Scholar Semifinalists). In such instances, students may apply for acceptance into the program as incoming students, and begin the MPHP when they complete 60 credit hours and the required coursework below.
	1. Upon entry into the program, Schmidt College of Science students will have completed the following courses (or their equivalent) depending upon which of the three (3) majors they pursue:

|  |  |  |
| --- | --- | --- |
| **Biology** | **Neuroscience & Behavior** | **Psychology**  |
| General Psychology (PSY 1012) (3) | General Psychology (PSY 1012) (3) | General Psychology (PSY 1012) (3) |
| Biodiversity + Lab (BSC 1011 + BSC 1011L) & Bioprinciples + Lab (BSC 1010 + BSC 1010L) (8) | Biodiversity + Lab (BSC 1011 + BSC 1011L) & Bioprinciples + Lab (BSC 1010 + BSC 1010L) (8) | Biodiversity (BSC 1011) **AND** Bioprinciples (BSC 1010) **OR** Anatomy and Physiology I (BSC 2085) **AND** Anatomy and Physiology II (BSC 2086) (6) |
| Experimental Design and Statistical Inference (PSY 3234) **OR** Biostatistics (STA 3173) **OR** equivalent 3,000 level or higher statistics course (3) | Experimental Design and Statistical Inference (PSY 3234) **AND** Intermediate Statistics Lab (STA 3163L) (6) | Experimental Design and Statistical Inference (PSY 3234) **AND** Intermediate Statistics Lab (STA 3163L) (6) |
| General Chemistry I + Lab (CHM 2045 + CHM 2045L) &General Chemistry II + Lab (CHM 2046 + CHM 2046L) (8) | General Chemistry I + Lab (CHM 2045 + CHM 2045L) &General Chemistry II + Lab (CHM 2046 + CHM 2046L) (8) | Research Methods in Psychology (PSY 3213) (3) |
| Biological Basis of Behavior (PSB 3002) **OR** Comparative Animal Behavior (CBH 4024) (3) | Biological Basis of Behavior (PSB 3002) (3) | Biological Basis of Behavior (PSB 3002) (3) |
| Genetics (PCB 3063) (4) | Genetics (PCB 3063) (4) | Cognition (EXP 3505) (3) |
| 29 credits | 32 credits | 1. credits
 |

* 1. Upon entry into the program, Wilkes Honors College students will have completed the following courses (or their equivalent) depending upon which of the four (4) concentrations they pursue:

|  |  |  |  |
| --- | --- | --- | --- |
| **Biology**  | **Neuroscience**  | **Psychology** | **Biological Chemistry** |
| BSC 1010, 1010L Honors Biological Principles with Lab (4) | BSC 1010, 1010L Honors Biological Principles with Lab (4) | BSC 1010, 1010L Honors Biological Principles with Lab (4) | BSC 1010, 1010L Honors Biological Principles with Lab (4) |
| BSC 1011, 1011LHonors Biodiversity with Lab (4) | PSY 1012 Honors General Psychology (3) | PSY 1012 Honors General Psychology (3) | CHM 2045, 2045LHonors General Chemistry I with Lab (4) |
| CHM 2045, 2045LHonors General Chemistry I with Lab (4) | CHM 2045, 2045LHonors General Chemistry I with Lab (4) | STA 2023 Honors Introductory Statistics (3); **OR** PSY 3234 Honors Expt Design and Statistical Inference (3) | CHM 2046, 2046LHonors General Chemistry II with Lab (4) |
| CHM 2046, 2046LHonors General Chemistry II with Lab (4) | CHM 2046, 2046LHonors General Chemistry II with Lab (4) | STA 3164 Honors Intermediate Statistics; **OR** PSY 4302, 4302L Honors Psychometrics and Lab; **OR** MAC 2311 Honors Calculus I with Analytic Geometry (3-4 credits) | MAC 2311 Honors Calculus I with Analytic Geometry (4) |
| MAC 2311 Honors Calculus I with Analytic Geometry (4) | PCB 3703, 3703L Honors Human Morphology I with Lab (or equivalent) (4) | PCB 3703, 3703L Honors Human Morphology I with Lab; **OR** BSC 2084 Honors Essentials of Anatomy and Physiology; **OR** PCB 3063 Honors Genetics; **OR** PSB 3340 Honors Behavioral Neuroscience; **OR** PSB 3344 Honors Drugs and Behavior (3-4 credits) | STA 2023 Honors Introductory Statistics (3) |
| STA 2023 Honors Introductory Statistics (3) | STA 2023 Honors Introductory Statistics (3)  | PCB 3063 Honors Genetics (4) |
| PCB 3063 Honors Genetics (4) | PCB 3063 Honors Genetics (4) |  |
| 27 credits | 26 credits | 16-18 credits | 23 credits |

1. All students are expected to have an overall institutional GPA ≥ 3.5 upon entry into the program (i.e. on completion of 60 credits).
2. It is expected that the MPHP enrollment will not exceed sixty (60) students (i.e., 30 juniors and 30 seniors).

**Program Standards**

1. Participants must maintain high academic standards and ethical conduct.
2. Students may be dismissed from the program for any of the following:
	1. Failure to complete the program with an overall institutional GPA ≥ 3.5.
	2. Failure to obtain a grade of “Satisfactory” in Directed Independent Research courses taken towards fulfilling the FAU MPHP requirements.
	3. Violation of the Code of Academic Integrity
	4. Violation of the Student Code of Conduct
3. In the event of withdrawal or dismissal from the program, successfully completed enrichment or capstone courses specific to the FAU MPHP will count towards electives for the major.
4. Students participating in mentored laboratory research must adhere to the highest ethical and dependability standards. Faculty may dismiss a student from a lab for failure to meet these high expectations. Should a student be dismissed from a lab, their continuation in the program will be contingent upon the FAU MPHP Steering Committee’s approval.
5. All students in the MPHP will be expected to be familiar with and adhere to FAU’s Student Code of Conduct (FAU Regulation 4.007), the Code of Academic Integrity (FAU Regulation 4.001), as well as the ethical standards of the discipline.

**Note:** Prior to initiating research, students must obtain appropriate, **site-specific\***, safety training through Environmental Health & Safety (EHS). The necessary trainings will be specific to the research to be conducted and will be determined between each student and their program faculty mentor. Students who will work on projects supported by NIH and/or NSF funding must also complete Responsible Conduct of Research (Basic) Training through CITI Program.

\*EHS training is site-specific. FAU students performing research at affiliate institutions such as Max Planck or Scripps are responsible for obtaining appropriate EHS training **through and at those institutions**. If a student is performing research at an affiliate institute, and simultaneously working in an FAU laboratory, they must complete appropriate EHS training with **both** entities.

**MPHP Core Coursework** *(one course minimum requirement, 1 credit)*

All MPHP participants will be required to complete a newly proposed core course titled, Introduction to Neuroscience Research during their first Fall semester enrolled within the program. The course will introduce students to the program structure, participating faculty mentors, the history of Max Planck and of neuroscience research, and will support students in connecting with potential faculty mentors and create social bonds with their MPHP peers.

**MPHP Enrichment Coursework**

MPHP students will take honors-level enrichment courses only available to FAU MPHP students. These enrichment courses consist of two (2) separate one-credit courses (see options in Appendix 1). Max Planck faculty and postdocs will contribute to these course offerings.

**Capstone Experiences**

While completing their capstone experience, Schmidt College of Science students must enroll in appropriate FAU MPHP Capstone course credits (Honors Thesis, Honors Research, Honors Capstone—see Appendix 1), which are unique to the MPHP program. Capstone experiences will be recorded by the Registrar as a variable-credit (1-3) course. Students must complete a minimum of 3 capstone course credits which may completed across one, two or three semesters.

Wilkes Honors College students must complete six (6) credits of thesis (option 1 below) as their Capstone Experience. Schmidt College of Science students may choose from the options below. WHC students may pursue options two or three to their course of study as free electives toward their Bachelor’s degree, but a thesis is required for the MPHP.

1. **Honors Thesis:** This capstone experience requires that a student investigates a current research topic in the field of neuroscience or a directly related field (e.g., philosophy of neuroscience) and prepare the following deliverables according to their College’s requirements:
	1. An honors thesis is a graduation requirement of all Wilkes Honors College students, and students prepare their thesis over the course of their final year of study through completion of six (6) credits, usually three (3) credits in the Fall and three (3) credits in the Spring of the senior year. Wilkes Honors Colleges students must also present their thesis work via didactic or poster presentations during the annual Wilkes Honors College Research Symposium.
	2. College of Science students must prepare and submit a formal thesis proposal and a final thesis manuscript. Each of these must be presented orally in a public venue (i.e., seminar) and defended before the student’s supervisory committee. The proposal and final defenses must be approved by the student’s faculty committee under the oversight of the FAU MPHP Steering Committee.
2. **Honors Mentored Laboratory Research:** MPHP students who select the Honors Research capstone experience will investigate a current research topic in the field of neuroscience. This capstone experience requires that students commit to a one-year research program in the lab of a faculty mentor (two semesters minimum enrolled in FAU MPHP Directed Independent Research) wherein they will 1) submit an internal or external grant proposal to support their intended research project, 2) disseminate their research findings through a poster or conference presentation at a local, regional, national or international conference or symposium, and 3) submit a final written report of the research project in the format of a scientific journal article.
3. **Alternative Capstone:** Schmidt College of Science Students in the MPHP program may receive approval to pursue alternative capstone projects from those defined above if all of the following conditions are met:
	1. The capstone is compatible with the requirements of the student’s degree program.
	2. The capstone adheres to the requirements of the University Honors Curriculum Manual.
	3. The capstone is approved **in advance of the student’s final year of study** by the FAU MPHP Steering Committee. Alternative capstone projects may include developing significant deliverables to enhance public education in neuroscience, such as computer animations and/or videos. Computational models and simulations may also be appropriate.

**Appendix 1. Catalog Changes**

The following paragraph will be added under the electives section of the catalog description for the appropriate major (CoS) or concentration (WHC):

Electives for completing the FAU Max Planck Honors Program (MPHP)

For students pursuing the FAU Max Planck Honors Program (FAU MPHP), six (6) of the elective credits in their major/concentration must be applied toward the requirements of the FAU MPHP. These include successful completion of a Capstone experience (minimum of three (3) credits), and three (3), different MPHP Enrichment courses (1 credit each) from those listed below. A minimum grade of B must be achieved in these exclusive MPHP course options for them to count towards the requirements of the FAU MPHP.

The following MPHP Enrichment courses list will be added under the electives section. These courses are exclusively available to FAU MPHP students:

|  |
| --- |
| **FAU Max Planck Honors Program Required Coursework** |
|  |
| **CORE course** *(Required for all participants*) |
| Introduction to Neuroscience Research | PSB 4003 | 1 |
|  |
| ***ENRICHMENT Course Electives*** *(At minimum, two different courses are required)* |
| Directed Independent Research | PSB 4916 | 0-3 |
| Max Planck Seminar | PSB 4932 | 1 |
| Journal Club in Neuroscience | PSB 4951 | 1 |
| Adv Techniques in Neurosci Res | PSB 4112C | 1 |
| Advanced Physiology | PCB 4701C | 1 |
| Adv Cell Imaging for Neurosci | PCB 4162C | 1 |
| Symposium Presentation | PSB 4922 | 1 |
| Scientific Communication | BSC 4842 | 1 |
| Advanced Genetics | PCB 4066 | 1 |
| Adv Scientific Grant Writing | PCB 4956 | 1 |
| Special Topics in Neuroscience | PSB 4931 | 1 |
|  |
| ***CAPSTONE Options*** *(At least three credits in one of the following is required)* |
| Honors THESIS | PSB 4970 | 1-3 |
| Honors MENTORED LAB RESEARCH | PSB 4910 | 1-3 |
| Honors ALTERNATIVE CAPSTONE (\*requires approval) | PSB 4902 | 1-3 |

**Appendix 2**

**FAU MPHP Research Assessment Rubric**

**Student Learning Objective 1: Knowledge**

Students will demonstrate content knowledge of basic neuroscience principles as demonstrated by the successful production of a presentation of their results in one or more of the formats described on pages 5 and 6. Demonstration of higher level competency is expected from FAU MPHP senior- and junior-level students. It is expected that participants are able to effectively communicate their proposed research and experimental results in context and using technical language specific to the subfield in which they are conducting their research.

Student Learning Objective 1 Scoring Criteria:

Exemplary - Students identify all concepts that are applicable to the selected field of study.

Competent - Students identify most relevant concepts that are applicable to the selected field of study.

Developing - Students report concepts that are incomplete, with limited vocabulary or not applicable to the discipline.

**Student Learning Objective 2: Formulate Questions**

Students shall formulate or identify research questions and evaluate the literature to integrate basic principles and knowledge of neuroscience and how they apply.

Student Learning Objective 2 Scoring Criteria:

Exemplary - Students identify a key critical question applicable to the selected field of study.

Competent - Students identify a mostly relevant question that is applicable to the selected field of study.

Developing - Students report a question that is incomplete or not applicable to the selected field of study.

**Student Learning Objective 3: Plan of Action**

Students will develop and implement an experimental approach to address research and inquiry questions or scholarly problems. Students’ plan of action will be evaluated in the deliverables produced as outlined on pages 5 and 6.

Student Learning Objective 3 Scoring Criteria:

Exemplary - Students recognize and explain experiments efficiently.

Competent - Students recognize but do not explain experiments consistently.

Developing - Students recognize and explain experiments in limited styles.

**Student Learning Objective 4: Critical Thinking**

Students will apply critical thinking skills to evaluate information, their own work, and the work of others. Specifically, critical review of neuroscience methods applied will be assessed during oral and or written presentations/posters/reports (see pages 5 and 6).

Student Learning Objective 4 Scoring Criteria:

Exemplary - Students report data and make most relevant conclusions out of experimental results.

Competent - Students report data and make some conclusions out of experimental results with a few errors.

Developing - Students fail to report data, make only few conclusions out of experimental results, and work is inaccurate.

**Student Learning Objective 5: Ethical Conduct**

Students will identify and model ethical behaviors while conducting research and inquiry.

Student Learning Objective 5 Scoring Criteria:

Exemplary - Students record and use good laboratory practices and cite all relevant sources in reports.

Competent - Students record and mostly use good laboratory practices and cite all relevant sources in reports.

Developing - Students fail to report all sources or inconsistently exhibit good laboratory behavior.

**Student Learning Objective 6: Communication**

Students will convey their research and inquiry in oral and or written formats.

Student Learning Objective 6 Scoring Criteria:

Exemplary - Students’ grant proposals, research posters, literature reviews, and/or seminars are complete and present all relevant information.

Competent - Students’ grant proposals, research posters, literature reviews, and/or seminars are mostly complete and present most relevant information.

Developing - Students’ grant proposals, research posters, literature reviews, and/or seminars are incomplete.

**Appendix 3**

**FAU MPHP Capstone Experience**

**Objective:** Provide upper-division neuroscience and behavior students an opportunity to apply knowledge obtained across prior neuroscience and cognate courses and research experiences.

**Honors program integration:** The capstone experience will be applied per pages 5 and 6 and will typically be completed by students over the course of the junior and senior year.

**Research:** Faculty advisors will direct the research experience.

**Capstone requirements:** Participation in research-intensive experiences is the cornerstone of science education and MPHP participants are required to participate in research. Faculty members will facilitate undergraduate research and inquiry by directly introducing students to scientific work through capstone experiences which include working with a faculty mentor and their research groups in the laboratory, and participating in lab meetings and seminars. Students must register for appropriate required courses as per the capstone descriptions on pages 5 and 6. Signed (by the faculty mentor) copies of the deliverables associated with each capstone with documented evidence of submission to an internal or external entity when appropriate must be submitted to the FAU MPHP Steering Committee via designated staff member no later than 3 weeks in advance of the intended graduation date.

**Student evaluation:** Submitted deliverables will be evaluated at an intensive level, using the same rubrics presented above for assessment of research (Appendix 2). Actual student capstone experiences may vary greatly, depending on the faculty mentor’s area of research. Due to the nature of these courses, evaluation of student learning experiences is very limited, and faculty members assign S/U grades.

**Faculty advisors:** The capstone experience will be directly supervised by one full-time Psychology, Biology, or Wilkes Honors College Faculty member or approved affiliate with extensive experience.

**Appendix 4**

**Enrichment and Capstone Courses**

To receive an FAU Max Planck Honors designation, we believe all students in our honors program should receive similar enrichment components to their undergraduate education. The herein proposed course requirements will be jointly administered by FAU and Max Planck faculty and their research groups.

In these enrichment courses students will:

1. Be exposed to cutting-edge research presented by leaders in the field of neuroscience including Nobel laureates.
2. Develop the ability to critically read, select, present, and discuss recently published articles on relevant topics in neuroscience.
3. Experience important mechanisms for information exchange between professional scientists.
4. Be exposed to advanced instrumentation and techniques in neuroscience research.

**Appendix 5**

**DEADLINES AND APPLICATION REQUIREMENTS**

**Fall application deadline: July 20th Spring Application Deadline: October 20th**

 **APPLICATION CHECKLIST**:

A complete application will contain all of the below listed items. Incomplete applications will not be considered.

* Unofficial Transcript
* Letter of Application (including long-term goals, program goals and how this program will support you in achieving your long-term goals)
* \*Signed Max Planck Honors Program Faculty Sponsor Verification Form
* \*One letter of recommendation from a faculty member other than the Faculty Sponsor
* Résumé (including education, work experience, volunteering, etc.)
* Statement of Purpose (what are your long-term goals in life and how will this program help you achieve your goals)
* Completed application form
* Publications (copy) - OPTIONAL
* Relevant certifications (copy) – OPTIONAL

\*The Faculty Sponsor Verification Form and the letter of recommendation should be submitted by the sponsor and letter writer directly to Mr. Glenn Malone (gmalone@fau.edu). For further instructions please contact Mr. Glenn Malone (gmalone@fau.edu). Students will receive the MPHP Committee’s admission decision via e-mail before Fall/Spring (depending upon application semester) classes begin.

Send all application materials to:

Florida Atlantic University-MHPH

John D. MacArthur Campus

ATTN: Mr. Glenn Malone

Building MC-19, Room 108

5353 Parkside Drive

Jupiter, FL 33458

I certify that the information given in this application is complete and accurate.

Should any of this information change prior to my entry into the FAU Max Planck Honors Program, I will immediately notify the program.

Printed Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Appendix 6

**SAMPLE COS APPLICATION FAU MAX PLANCK HONORS PROGRAM (p1)**

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Z-NUMBER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FAU EMAIL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PHONE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MAJOR: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TERM/YEAR\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BIOLOGY** | **Grade Lec/Lab** | **NEUROSCIENCE/BEHAVIOR**  | **Grade Lec/Lab** | **PSYCHOLOGY**  | **Grade Lec/Lab** |
| PSY1012  |   | PSY1012  |  | PSY1012 or  |  |
| BSC1011+L  |  / | BSC1011+L  |  / | BSC1011 or BSC2085  |  |
| BSC1010+L  |  / | BSC1010+L  |  / | BSC1010 or BSC2086  |  |
| PSY3234 OR STA3173  |  / | PSY3234 OR STA3173  |  | PSY3234 OR STA3173  |  |
| CHM2045+L  |  / | CHM2045+L  |  / | PSY3213  |  |
| CHM2046+L  |  / | CHM2046+L  |  / |  |  |
| PSB3002 OR CBH4024  |  | PSB3002  |  | PSB3002  |  |
| PCB 3063  |  | PCB 3063  |  | EXP 3505  |  |

PROPOSED EQUIVALANCIES TO BE EVAUATED BY the FAUMPHP ADMISSIONS COMMITTEE (No guarantee of acceptance) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 DATE STUDENT SIGNATURE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Department / College use only**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_List **OUTSTANDING** courses needed to fulfill the acceptance requirements

|  |  |  |
| --- | --- | --- |
| **Prefix/Number** | **Title** | **Grade or In Progress** |
|   |   |   |
|  |  |  |

THE STUDENT’S RECORDS HAVE BEEN REVIEWED AND THE FOLLOWING DECISION HAS BEEN RENDERED:

Accepted [ ]

Denied [ ]

COMMENTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PRINT NAME MPHP DESIGNATED SIGNER SIGNATURE DATE

**SAMPLE COS APPLICATION FAU MAX PLANCK HONORS PROGRAM (p2)**

# LAST NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_FIRST NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_MI\_\_\_\_\_\_\_

Z #.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ FAU EMAIL ADDRESS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

HOME ADDRESS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_COUNTRY\_\_\_\_\_\_\_\_\_\_\_\_\_

CITY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_STATE\_\_\_\_\_\_\_\_\_ ZIP CODE (Int’l Postal Code)\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DAYTIME PHONE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ EVENING PHONE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ADMISSION SEMESTER: □ Fall □ Spring Year \_\_\_\_\_\_\_\_\_

\*If you have questions about the program, please contact Mr. Glenn Malone (gmalone@fau.edu).

**All applicants must have a Faculty Sponsor** to be considered for admission to the Honors Program. Please visit our web sites (<http://www.psy.fau.edu/index.php> and <http://biology.fau.edu/>) to identify a faculty member or approved affiliate faculty member in your area of research interest. The faculty sponsor must document their willingness to sponsor the student’s intended research project by completing the Neuroscience and Behavior Honors Faculty Sponsor Verification Form. The form should be submitted by the faculty sponsor directly to the FAU MPHP Admissions Committee through the Honors Program Assistant, Mr. Glenn Malone (gmalone@fau.edu).

Note: Students seeking faculty mentors must contact their faculty of interest directly. Each faculty member will have a limited capacity to take on student researchers and may not have space available in their lab at the time of your inquiry. To increase the likelihood of confirming a sponsor, it is recommended that students identify and contact multiple potential faculty sponsors. Students may contact Mr. Malone for support in identifying potential sponsors and communication protocols.

Please indicate below the name and email address of your confirmed faculty sponsor:

FACULTY NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_EMAIL:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Indicate two areas of research interest (these choices are not binding):

\_\_\_\_Neurophysiology \_\_\_\_Neurogenetics

\_\_\_\_Behavioral neuroscience \_\_\_\_Molecular and Cellular Neuroscience

\_\_\_\_Cognitive neuroscience \_\_\_\_ Other (please specify):

**SAMPLE COS APPLICATION FAU MAX PLANCK HONORS PROGRAM (p3)**

If you have specific skills applicable to neuroscience research (e.g., specific laboratory, statistical and/or field research skills), please indicate them below:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In what semester and year do you anticipate graduating? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What future academic and or career goals will you pursue upon completion of your undergraduate degree?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List any memberships you currently hold in professional and honor societies:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List any honors and awards you have received:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**List any publications:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Appendix 7

FAU Max Planck Upper-Division Honors Program

**Florida Atlantic University**

**Honors Program Faculty Sponsor Verification Form**

**To: FAU MPHP Admissions Committee**

**DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**I have agreed to be the Faculty Sponsor for:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please print student’s name**

**Faculty advisor’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Print name**

**Faculty advisor signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**As Faculty Sponsor, I agree to sponsor the above FAU Max Planck Honors Program participants by providing the necessary training, mentoring, and funding for research materials.**

**Starting Semester: Fall\_\_\_\_\_\_\_ Spring\_\_\_\_\_\_\_**

**Title of proposed research project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Appendix 8

**APPLICATION FOR FAU MAX PLANCK HONORS TRANSCRIPT DESIGNATION**

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Z-NUMBER\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EMAIL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PHONE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MAJOR: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ GRADUATING TERM/YEAR\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CAPSTONE:** [ ]  **RESEARCH** [ ]  **THESIS**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Prefix/Number** | **Title** | **Grade/IP**  |
| **CORE** |   |   |   |
| **ENRICHMENT 1** |  |  |  |
| **ENRICHMENT 2** |  |  |  |
| **ENRICHMENT 3** |  |  |  |
| **CAPSTONE:**1. **\_\_\_\_\_\_\_\_\_\_**
2. **\_\_\_\_\_\_\_\_\_\_**
3. **\_\_\_\_\_\_\_\_\_\_**
 |  |   |   |
|  |
|  |

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 DATE STUDENT’S SIGNATURE

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 FACULTY’S/MENTOR’S SIGNATURE DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Department / College use only**

\_\_\_\_\_\_All requirements for the designation have been met.

 **OR**

List **OUTSTANDING** items needed to complete designation requirements: (include courses with I grades)

|  |  |  |
| --- | --- | --- |
| **Prefix/Number** | **Title** | **Grade or IP** |
|   |   |   |

THE STUDENT’S RECORDS HAVE BEEN REVIEWED AND THE FOLLOWING DECISION HAS BEEN RENDERED:

**Approved** [ ]

**Denied** [ ]

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_

PRINT NAME MPHP DESIGNATED SIGNER SIGNATURE DATE