Health Services and Outcomes Research Graduate Program
2021-2022 Academic Year Course Schedule

The Health Services and Outcomes Research (HSOR) program’s hybrid model adapts the university’s traditional course format to accommodate working clinicians and students living outside Chicago.

**Residencies** take place on the Chicago campus over three or four days each quarter. These days are comprised of intensive instruction and program events. Many courses hold **synchronous meetings** between the quarterly residencies, most of which are on-campus class meetings that support remote attendance via Zoom. **Attendance is mandatory for residency class sessions.** If a student encounters an immovable schedule conflict with residency, he or she should inform the program director, Megan McHugh (megan-mchugh@northwestern.edu), and the relevant course instructor as early as possible.

The physical location for nearly all classes is the **Baldwin Auditorium, 303 E Superior Street, Chicago, IL 60611**; any different locations are noted. All times listed are central time.

**Summer 2021**
Registration deadline: **Friday, June 4, 2021 (June 21 for new students)**
Northwestern Summer Quarter: **Monday, June 21 – Saturday, August 28, 2021**
HSOR Residency Days: **Tuesday, July 6 – Thursday, July 8**

**Program Events:**
New Student Orientation..........................**Wednesday, July 7, 11:30 – 12:00pm**
Professional Development Seminar............**Thursday, July 8, 12:00 – 1:30pm**

<table>
<thead>
<tr>
<th>Course</th>
<th>Residency Sessions</th>
<th>Synchronous Meetings</th>
</tr>
</thead>
</table>
| PUB_HLTH 302: Introduction to Biostatistics (1.0)  
*Geneva Wilson* | July 6 (T) 8:30am – 10:30am  
July 7 (W) 2:30pm – 4:30pm | 8:30am – 10:00am the following Tuesdays and Thursdays:  
July: 13, 15, 20, 22, 27, 29  
August: 3, 5, 10, 12, 17, 19 |
| HSR 461: Methods and Measurement (0.5)  
*Salva Balbale* | July 6 (Tu), 11:00am – 12:30pm  
July 7 (W), 9:00am – 11:15am  
Sept 20 (M): 9am – 11:30am  
Sept 22 (W): 8:30am – 11am | 1:00pm – 2:30pm the following Wednesdays:  
July 28  
August 18  
September 8 |
| HSR 456: Applied Qualitative Methods (1.0)  
*Julie Johnson* | July 6 (T) 2:30 – 5:00pm  
July 8 (Th) 9:00 – 11:30am  
Sept. 20 (M) 2:00 – 4:00pm  
Sept. 21 (Tu) 10:30 – 12:30am | 8:00am – 10:00am the following Wednesdays:  
July: 14, 28  
August: 11, 25  
September: 8 |

Summer Professional Development Seminar: **TBD**
Fall 2021

Registration deadline: **Friday, September 3, 2021**
Northwestern Fall Quarter: **Tuesday, September 21 – Saturday, December 4, 2021**
Course add/drop deadline: **Tuesday, September 21, 2021**
HSOR Residency Days: **Monday, September 20 – Thursday, September 23**

**Fall Program Events:**

Professional Development Seminar...**Monday, September 20, 12:00 – 1:00pm**

<table>
<thead>
<tr>
<th>Course</th>
<th>Residency Sessions</th>
<th>Synchronous Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HSR 461: Methods and Measurement (0.5)</strong></td>
<td>Sept 20 (M): 9am – 11:30am</td>
<td>None in Fall (see Summer above)</td>
</tr>
<tr>
<td><strong>HSR 456: Applied Qualitative Methods (1.0)</strong></td>
<td>Sept 21 (T): 8:30am – 10:00am</td>
<td>None in Fall (see Summer above)</td>
</tr>
<tr>
<td><strong>HSR 425: Intro to Quantitative Methods in HSOR (1.0)</strong></td>
<td>Sept 21 (T): 8:30am – 10:00am</td>
<td>2:00- 3:30pm the following Mondays: Oct. 4,18, 25 Nov. 1, 15, 22</td>
</tr>
<tr>
<td><strong>HSR 433: Health Economics and Healthcare Financing (1.0)</strong></td>
<td>Sept 21 (T): 2:00pm – 5:00pm</td>
<td>4:00- 5:30pm the following Mondays: Oct. 4, 11, 18 Nov. 1, 8, 15, 29 Dec. 6</td>
</tr>
<tr>
<td><strong>PUB_HLTH 421: Intermediate Biostatistics (1.0)</strong></td>
<td>Sept 22 (W): 11:30am – 1:00pm</td>
<td>2:00pm – 5:00pm the following Wednesdays: Sep. 29 Oct. 6, 20, 27 Nov. 3, 24 Dec. 1, 8</td>
</tr>
</tbody>
</table>

Fall Professional Development Seminar: **TBD**

Winter 2022 (To be finalized September 2021)

Registration deadline: **Friday, December 3, 2022**
Northwestern Winter Quarter: **Monday, January 3 – Saturday, March 19, 2022**
Course add/drop deadline: **Friday, January 7, 2022**
HSOR Residency Days: **Wednesday, January 12 – Friday, January 14, 2022**

**Program Events:**

Professional Development Seminar............**Wednesday, January 12, 1:00 – 2:30pm**

<table>
<thead>
<tr>
<th>Course</th>
<th>Residency Sessions</th>
<th>Synchronous Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HSR 425: Intro to Quantitative Methods in HSOR (1.0) (Fall conclusion)</strong></td>
<td>Jan. 12 (W): 8:30am – 10:00am Jan. 13 (Th): 8:30am – 10:00am</td>
<td>None in Winter</td>
</tr>
<tr>
<td><strong>HSR 433: Health Economics and Healthcare Financing (1.0) (Fall conclusion)</strong></td>
<td>Jan. 12 (W): 3:00pm – 5:00pm Jan. 13 (Th): 2:00pm – 5:00pm</td>
<td>None in Winter</td>
</tr>
</tbody>
</table>

[feinberg.northwestern.edu/hsor](feinberg.northwestern.edu/hsor)
**HSR 465**: Intermediate Quantitative Methods in HSOR (1.0)  
*David Liss*  
Jan 13 (Th) 11:00am – 1:00pm  
Jan 14 (F) 10:30am – 12:30pm  
3:30 – 5pm on the following Tuesdays:  
January 18 – March 1  
3:30 – 6:00pm March 15  
Final paper due March 29

**PUB_HLTH 445**: Writing for Peer Review & Publication (1.0)  
*Phil Fontanarosa*  
Jan 12 (W), 6:00pm – 9:00pm  
tbc

**HSR 460**: Ethics Seminar (0.5)  
*Seema Shah*  
Jan 12 (W), 11:00am – 12:30pm  
Jan 14 (F), 8:30am – 10:00am  
Jan 14 (F), 1:00pm – 2:30pm  
1:30 – 3pm on the following Tuesdays:  
January 26  
February 9, 23  
March 9

Winter Professional Development Seminar: *TBD*

**Spring 2022** (*To be finalized September 2021*)

Registration deadline: *Friday, March 11, 2022*  
Northwestern Spring Quarter: *Tuesday, March 29 – Saturday, June 11, 2022*  
Course add/drop deadline: *Monday, April 5, 2022*  
HSOR Residency Days: *Monday, April 25 – Wednesday, April 27, 2022*

**Program Events:**  
Graduation Luncheon..............................................*April Residency TBC*

<table>
<thead>
<tr>
<th>Course</th>
<th>Residency Sessions</th>
<th>Synchronous Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HSR 462</strong>: Grant Writing (0.5)</td>
<td>April 25 (M), 8:30am – 3:30pm</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>April 27 (W), 12:30pm – 3:30pm</td>
<td></td>
</tr>
</tbody>
</table>
| **HSR 470** [*Elective*]: Federal Policy Making and Healthcare Reform (1.0)  
*Megan McHugh*  
|                                             | April 26 (T) 8:30am – 11:30am                          | 1:00 – 4:00pm on the following Tuesdays:  
April 5, 12, 19  
May 3, 10, 17 |
|                                             | April 27 (W) 8:30am – 11:30am                          |                                                          |